

### HOUSE DUST MITE ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Der p 1	NA-DP1-1			Natural	Cysteine Protease
Der p 1.0105	RP-DP1D-1			<i>P. pastoris</i>	
Der p 2	NA-DP2-1			Natural	NPC2 family
Der p 2.0101	RP-DP2A-1				
Der p 2.0103	RP-DP2C-1	European house dust mite	<i>D. pteronyssinus</i>	<i>P. pastoris</i>	NPC2 family
Der p 7.0101	RP-DP7-1				
Der p 10.0101	RE-DP10-1			<i>E.coli</i>	Tropomyosin
Der p 23.0101	RP-DP23-1			<i>P. pastoris</i>	Peritrophin-like
D. pter. Extract	LTN-DPE-1			Natural	multiple
Der f 1	NA-DF1-1			Natural	Cysteine Protease
Der f 1.0107	RP-DF1-1	American house dust mite	<i>D. farinae</i>	<i>P. pastoris</i>	
Der f 2	NA-DF2-1			Natural	
Der f 2.0103	RP-DF2-1			<i>P. pastoris</i>	
Eur m 2.0101	RE-EM2-1	House dust mite	<i>Euroglyphus maynei</i>	<i>E. coli</i>	NPC2 family
Lep d 2.0101	RP-LP2-1	Storage mite	<i>Lepidoglyphus destructor</i>	<i>P. pastoris</i>	
Gly d 2.0101	RP-GD2-1		<i>Glycyphagus domesticus</i>	<i>P. pastoris</i>	

### COCKROACH ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Bla g 1.0101	RP-BG1-1			<i>P. pastoris</i>	
Bla g 2	NA-BG2-1			Natural	Aspartic protase, inactive
Bla g 2.0101	RP-BG2-1	German cockroach	<i>B. germanica</i>	<i>P. pastoris</i>	
Bla g 4.0101	RP-BG4-1			<i>P. pastoris</i>	Lipocalin
Bla g 5.0101	RE-BG5-1			<i>E. coli</i>	Glutathione S-transferase
Per a 7.0102	RP-PA7-1	American cockroach	<i>Periplaneta americana</i>	<i>P. pastoris</i>	Tropomyosin

### ANIMAL ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Fel d 1	NA-FD1-1	Cat	<i>Felis domesticus</i>	Natural	Uteroglobin
Fel d 1.0101	RP-FD1D-1			<i>P. pastoris</i>	
Fel d 2	NA-FD2-1			Natural	Serum albumin
Fel d 4.0101	RP-FD4-1			<i>P. pastoris</i>	
Can f 1	NA-CF1-1	Dog	<i>Canis familiaris</i>	Natural	Lipocalin
Can f 1.0101	RP-CF1-1			<i>P. pastoris</i>	
Can f 2.0101	RP-CF2-1			<i>P. pastoris</i>	
Can f 3	NA-CF3-1			Natural	Serum albumin
Can f 4	RE-CF4-1			<i>E.coli</i>	
Can f 6	RE-CF6-1			<i>E.coli</i>	Lipocalin
Mus m 1	NA-MM1-1	Mouse	<i>Mus musculus</i>	Natural	
Rat n 1.0101	RP-RN1-1	Rat	<i>Rattus norvegicus</i>	<i>P. pastoris</i>	Lipocalin
Bos d 2.0101	RP-BD2-1	Cow	<i>Bos taurus</i>	<i>P. pastoris</i>	
Equ c 1.0101	RE-EC1-1	Horse	<i>Equus caballus</i>	<i>E.coli</i>	
Ory c 3.0101	RPI-OC3-1	Rabbit	<i>Oryctolagus cuniculus</i>	<i>P. pastoris</i>	Lipophilin

### EGG ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Gal d 1 (LoTox™)	LTN-GD1-1	Chicken egg	<i>Gallus domesticus</i>	Natural	Ovomucoid
Gal d 2 (LoTox™)	LTN-GD2-1				Ovalbumin
Gal d 3	NA-GD3-1				Ovotransferrin
Gal d 4 (LoTox™)	LTN-GD4-1				Lysozyme
Gal d 5 (LoTox™)	LTN-GD5-1				Serum albumin

### PEANUT/ LEGUME ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Gly m 4.0101	RP-GM4-1			<i>P. pastoris</i>	PR-10
Gly m 5	NA-GM5-1	Soy	<i>Glycine max</i>	Natural	$\beta$ -conglycinin
Gly m 6	NA-GM6-1				Glycinin
Ara h 1	NA-AH1-1	Blanched peanut		Natural	7S globulin
Ara h 2	NA-AH2-1	Peanut flour,light roast	<i>Arachis hypogaea</i>	Natural	2S albumin
Ara h 2.0201	RP-AH2-1	Peanut		<i>P. pastoris</i>	2S albumin
Ara h 3	NA-AH3-1	Blanched peanut		Natural	11S globulin
Ara h 6	NA-AH6-1	Peanut flour,light roast		Natural	2S albumin
Ara h 8.0101	RP-AH8-1	Peanut	<i>Arachis hypogaea</i>	<i>P. pastoris</i>	PR-10
Ara h 9.0101	RP-AH9-1	Peanut		<i>P. pastoris</i>	nsLTP
Peanut Protein (LoTox™)	LTN-AHRE-1	Peanut flour		Natural	Multiple

### TREE NUT ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Cor a 1.0401	RP-CA1-1			<i>P. pastoris</i>	PR-10
Cor a 8.0101	RP-CA8-1			<i>P. pastoris</i>	nsLTP
Cor a 9	NA-CA9-1	Hazelnut	<i>Corylus avellana</i>	Natural	11S globulin
Cor a 14.0101	RP-CA14-1			<i>P. pastoris</i>	2S albumin
Hazelnut Protein	LTN-CAE-1			Natural	Multiple
Pis v 1.0101	NA-PV1-1	Pistachio	<i>Pistacia vera</i>	Natural	2S albumin
Ana o 3.0101	RP-AO3-1	Cashew	<i>Anacardium occidentale</i>	<i>P. pastoris</i>	2S albumin
Jug r 1.0101	RP-JR1-1			<i>P. pastoris</i>	2S albumin
Jug r 3.0101	RPI-JR3-1	Walnut	<i>Juglans regia</i>	<i>P. pastoris</i>	nsLTP
Jug r 5.0101	RE-JR5-1			<i>E.coli</i>	PR-10
Pru du 3.0101	RE-PD3-1			<i>E.coli</i>	nsLTP
Pru du 6	NA-PD6-1	Almond	<i>Prunus dulci</i>	Natural	11S globulin
Ber e 1	NA-BE1-1			Natural	
Ber e 1.0101	RPI-BE1-1	Brazil Nut	<i>Bertholletia excelsa</i>	<i>P. pastoris</i>	2S albumin
Ber e 2	NA-BE2-1			Natural	11S globulin
Pin p 1.0101	RPI-PP1-1	Pine Nut	<i>Pinus pinea</i>	<i>P. pastoris</i>	
Car i 1.0101	RPI-CI1-1	Pecan	<i>Carya illinoensis</i>	<i>P. pastoris</i>	2S albumin

### SEAFOOD ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Shrimp Tropomyosin	NA-STM-1	Carolina Shrimp		Natural	Tropomyosin
Pen a 1.0101	RPI-PA1-1	Brown shrimp	<i>Penaeus aztecus</i>	<i>P. pastoris</i>	Tropomyosin
Cyp c 1.0101	RE-CC1-1	Carp	<i>Cyprinus carpio</i>	<i>E. coli</i>	Parvalbumin

### MILK ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Bos d 4	NA-BD4-1	Cow's milk	<i>Bos domesticus</i>	Natural	a-lactalbumin
Bos d 5	NA-BD5-1				$\beta$ -lactoglobulin
Bos d 6	NA-BD6-1				Serum albumin
Bos d 8	NA-BD8-1				Casein
Bos d 11	NA-BD11-1				$\beta$ -casein

### VEGETABLE AND FRUIT ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Api g 1.0101	RP-AG1-1	Celery	<i>Apium graveolens</i>	<i>P. pastoris</i>	PR-10
Act d 8.0101	RPI-AD8-1	Kiwi	<i>Actinidia deliciosa</i>		PR-10
Pru p 3.0102	RP-PP3-1	Peach	<i>Prunus persica</i>		nsLTP
Mal d 1.0108	RPI-MD1-1	Apple	<i>Malus domestica</i>		PR-10
Fra a 1.0102	RPI-FA1-1	Strawberry	<i>Fragaria ananassa</i>		PR-10

### CEREALS AND SEEDS ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Tri a 14	RE-TA14-1	Wheat	<i>Triticum aestivum</i>	<i>E. coli</i>	nsLTP
Tri a 19.0101	RE-TA19-1				Omega-5 gliadin
Fag e 2.0101	RE-FE2-1	Buckwheat	<i>Fagopyrum esculentum</i>	<i>E. coli</i>	2S albumin
Fag e 3.0101	RE-FE3-1				Vicilin-like
Sin a 1.0101	RP-SA1-1	Mustard	<i>Sinapis alba</i>	<i>P. pastoris</i>	2S albumin
Ses i 1.0101	RP-SI1-1	Sesame	<i>Sesamum indicum</i>	<i>P. pastoris</i>	2S albumin

### OTHER ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Alpha-Gal	AGAL-1	Red meat (cow)	<i>Bos domesticus</i>	Natural	Bovine Thyroglobulin

### MOLD ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Asp f 1.0101	RP-AF1-1	Common mold	<i>Aspergillus fumigatus</i>	<i>P. pastoris</i>	Mitogillin
Alt a 1.0101	RP-AA1-1	Rot fungus	<i>Alternaria alternata</i>	<i>P. pastoris</i>	

### WEED POLLEN ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Amb a 1	NA-AAR1	Ragweed	<i>Ambrosia artemisiifolia</i>	Natural	Pectate lyase
Can s 3.0101	RE-CS3-1	Cannabis - Indian Hemp	<i>Cannabis sativa</i>	<i>E.coli</i>	nsLTP
Art v 1.0101	RE-AV1-1	Mugwort	<i>Artemisia vulgaris</i>	<i>E.coli</i>	Defensin-like protein
Art v 3.0101	RPI-AV3-1			<i>P. pastoris</i>	nsLTP
Pla l 1.0101	RPI-PL1-1	English Plantain	<i>Plantago lanceolata</i>	<i>P. pastoris</i>	Ole e 1-related protein
Par j 1.0102	RPI-PJ1-1	Pellitory of the wall	<i>Parietaria judaica</i>	<i>P. pastoris</i>	nsLTP
Par j 2.0101	RPI-PJ2-1				

### TREE POLLEN ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Bet v 1	NA-BV1-1	Birch	<i>Betula verrucosa</i>	Natural	PR-10
Bet v 1.0101	RP-BV1-1			<i>P. pastoris</i>	
Bet v 2.0101	RP-BV2-1			<i>P. pastoris</i>	Profilin
Ole e 1.0102	RP-OE1-1	Olive group 1	<i>Olea europaea</i>	<i>P. pastoris</i>	Olive group 1
Cry j 1	NA-CJ1-1	Japanese Cedar	<i>Cryptomeria japonica</i>	Natural	Pectate lyase
Cor a 1.0101	RE-CA101-1	Hazelnut Cor a 1.0101	<i>Corylus avellana</i>	<i>E. coli</i>	PR-10
Aln g 1.0101	RE-AG1-1	Alder	<i>Alnus glutinosa</i>	<i>E. coli</i>	PR-10

### GRASS POLLEN ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Lol p 1	NA-LP1-1	Rye Grass	<i>Lolium perenne</i>	Natural	Beta Expansin
Phl p 1.0101	NA-PP1-1			Natural	Beta expansin
Phl p 5a (LoTox™)	LTR-PP5A-1	Timothy	<i>Phleum pratense</i>	<i>E. coli</i>	
Phl p 6.0101	RP-PP6-1			<i>P. pastoris</i>	
Cyn d 1.0101	RE-CD1-1	Bermuda Grass	<i>Cynodon dactylon</i>	<i>E.coli</i>	Beta-expansin

### VENOM ALLERGENS

Product Description	Product Code	Source	Scientific Name	Expression	Protein family
Ves v 1.0101	RP-VV1-1				Phospholipase A1B
Ves v 2.0101	RE-VV2-1	Yellow Jacket	<i>Vespula vulgaris</i>	<i>P. pastoris</i>	Hyaluronidase
Ves v 5.0101	RP-VV5-1			<i>E.coli</i>	Antigen 5
Api m 1.0101	RE-AM1-1	Honey Bee	<i>Apis mellifera</i>	<i>E.coli</i>	Phospholipase A2
Pol d 5.0101	RP-PD5-1	Paper wasp	<i>Polistes dominulus</i>	<i>P. pastoris</i>	Antigen 5

Don't see your allergen of interest? Contact InBio at [mail@inbio.com](mailto:mail@inbio.com) for custom allergen purification opportunities.