

Fel d 1

Recombinant allergen protein expressed in *E. coli*

Catalog # FD01-A951H

Lot # F4024-3

Catalog Number	FD01-A951H
Allergen	Fel d 1
Gene Aliases / Alternate Names	Major allergen I polypeptide chain 1, Allergen Cat-1, Major allergen I polypeptide chain 2, Allergen Cat-2
Specification	
Source	<i>Felis catus</i>
Host	<i>E. coli</i>
Purification	Affinity chromatography
Formulation	Recombinant protein stored in 1 X PBS solution.
Molecular Weight	~28 kDa
Purity	The purity of Fel d 1 was determined to be >90% by densitometry,
Concentration	1.05 µg/µl



Product Description

Recombinant full-length *Felis catus* allergen Fel d 1 was expressed in *E. coli* using a C-terminal His tag. The gene accession numbers are [NM_001048153](#) (chain 1) and [NM_001048154](#) (chain 2).

Storage and Stability

Store product at -20°C. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

References

1. Morgenstern JP, et al: Amino acid sequence of Fel d I, the major allergen of the domestic cat: protein sequence analysis and cDNA cloning. *Proc. Natl. Acad. Sci. U.S.A.* 88:9690-94, 1991.
2. Griffith IJ, et al: Expression and genomic structure of the genes encoding FdI, the major allergen from the domestic cat. *Gene.* 113:263-8, 1992.
3. Duffort OA, et al: Studies on the biochemical structure of the major cat allergen *Felis domesticus* I. *Mol. Immunol.* 28:301-9, 1991.

To place your order, please contact us by phone 1-866-9KINASE (54-6273), 1-(604)-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com - www.signalchem.com

FOR IN VITRO RESEARCH PURPOSES ONLY. NOT INTENDED FOR USE IN HUMAN OR ANIMALS.