

Fel d 1 Recombinant Protein | CH1 & CH2 recombinant protein

Fel d 1

CATALOG # AAA73576	HOST E Coli
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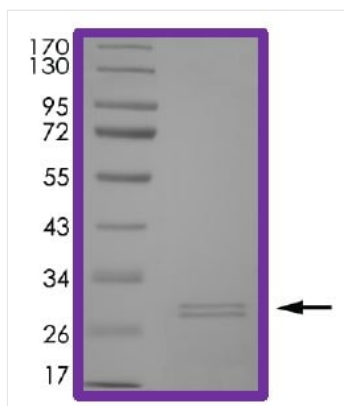
PRODUCT SYNONYMS

Fel d 1; Major allergen I polypeptide chain 1; Allergen Cat-1; Major allergen I polypeptide chain 2; Allergen Cat-2; CH1 & CH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	The purity of Fel d 1 was determined to be >90% by densitometry.
Form/Format	Recombinant protein stored in 1 X PBS solution.
Concentration	0.5 ug/ul (varies by lot)
Source	Felis catus
Accession Numbers	Genbank: chain 1: NM_001048153.1, chain 2: NM_001048154.1; UniProt: chain 1 : P30438, chain 2: P30440
Preparation and Storage	Store at -20oC. To avoid repeated handling and multiple freeze/thaw cycles aliquot diluted product into smaller quantities.

IMAGES



SDS-PAGE

The purity of Fel d 1 was determined to be >90% by densitometry.

ADDITIONAL INFORMATION

Related Product Information for CH1 & CH2 recombinant protein	Recombinant Felis catus allergen Fel d 1 was expressed in E. coli and purified by affinity chromatography using a His tag.
Product Categories/Family for CH1 & CH2 recombinant protein	Allergens ; Cell Cycle ; Inflammation

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.

NCBI AND UNIPROT INFORMATION

Molecular Weight

Calculated: 28.2 kDa; Observed: ~28 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fel-d-1-recombinant-protein-e-coli/73576>