

SPECIFICATION SHEET

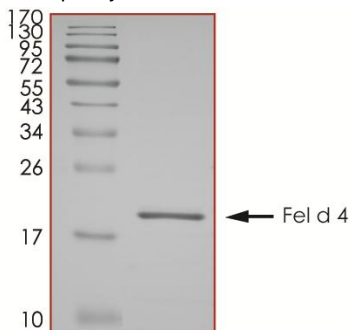
Product Name: Fel d 4
Catalog # FD04-A951H

Product Description: Recombinant full-length *Felis catus* allergen Fel d 4 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles, aliquot product into smaller quantities.

Data for a Sample Lot:

Alternate Names : Allergen Fel d 4
Source : *Felis catus*
Accession Numbers : GenBank: [NM_001009233.1](https://www.ncbi.nlm.nih.gov/nuclot/NM_001009233.1)
 UniProt: [Q5VFH6](https://www.uniprot.org/uniprot/Q5VFH6)
Host : *E. coli*
Formulation : Recombinant protein stored in 1x PBS solution
Molecular weight : Calculated: 21.4 kDa
 Observed: ~19 kDa
Purity : The purity was determined to be > 90% by densitometry
Gel Image



References

1. Smith W, et al. Fel d 4, a cat lipocalin allergen. Clin Exp Allergy. 2004 Nov;34(11):1732-1738. doi: 10.1111/j.1365-2222.2004.02090.x. PMID: 15544598.
2. Papes F, et al. The vomeronasal organ mediates interspecies defensive behaviors through detection of protein pheromone homologs. Cell. 2010 May 14;141(4):692-703. doi: 10.1016/j.cell.2010.03.037. PMID: 20478258. PMCID: PMC2873972.