

Recombinant Cat Fel d 1 Protein, His-tagged

Cat. No. Fel d 1-14C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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). The purification is affinity chromatography.
Species	Cat
Source	E.coli
Description	Fel d I is the major allergen of the domestic cat.
Molecular Mass	~28 kDa
Purity	>90%
Storage	Store product at –20 centigrade. 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.
Concentration	0.5 µg/µL
Storage Buffer	Recombinant protein stored in 1×PBS solution.

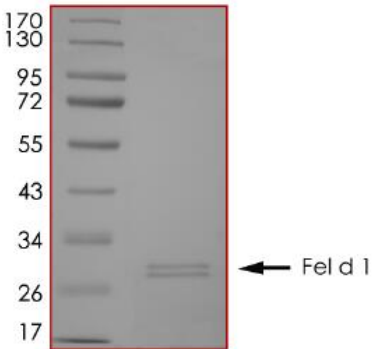
GENE INFORMATION

Gene Name	LOC677877 major allergen I, polypeptide chain 1 [Felis catus (domestic cat)]
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Official Symbol	LOC677877
Synonyms	LOC677877; major allergen I; polypeptide chain 1; Major allergen I polypeptide chain 1; Allergen Cat-1; Major allergen I polypeptide chain 2; Allergen Cat-2; CH1
Gene ID	677877
mRNA Refseq	NM_001048153
Protein Refseq	NP_001041618
UniProt ID	P30438
Purity	 The purity of Fel d 1 was determined to be >90% by densitometry.