Recombinant Canis familiaris Can f 1 Protein, His-tagged

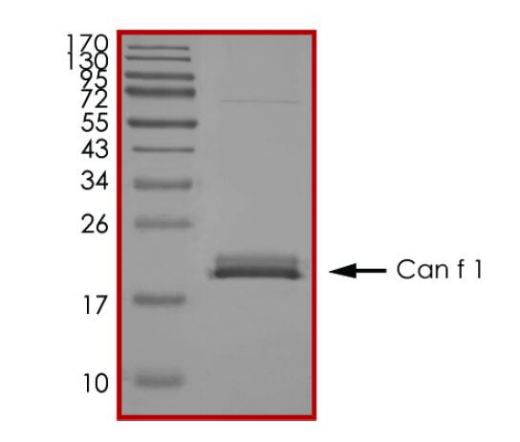
Cat. No. Can f 1-05C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Canis familiaris major allergen Can f 1 was expressed in E. coli using a C-terminal His tag. The purification is affinity chromatography.
Species	Dog
Source	E.coli
Description	Canis familiaris allergen 1 (Can f 1) and Canis familiaris allergen 2 (Can f 2) are the two major allergens present in dog dander extracts. Can f 1, produced by tongue epithelial tissue, has homology with the von Ebner's gland (VEG) protein, a salivary protein not previously thought to have allergenic properties.
Molecular Mass	~20 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	4.7 μg/μL
Storage Buffer	Recombinant protein stored in 1×PBS solution.

GENE INFORMATION

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Synonyms	Major allergen Can f 1; Allergen Dog 1
UniProt ID	O18873
Purity	 The purity of Can f 1 was determined to be >90% by densitometry.

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