

SPECIFICATION SHEET

Product Name: Can f 5
Catalog # CF05-A951H

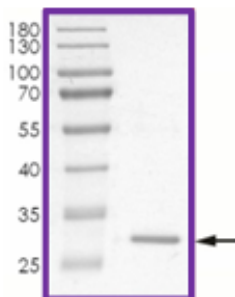
Product Description: Recombinant full-length *Canis familiaris* allergen Can f 5 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

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 : Arginine esterase
Source : *Canis familiaris*
Accession Numbers : GenBank: [Y00751.1](#)
 UniProt: [P09582](#)
Host : *E. coli*
Formulation : Protein stored in 1x PBS solution, 20 mM arginine, 3% sucrose (pH 8.3)
Molecular Weight : Calculated: 27.4 kDa
 Observed: ~28 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Mattsson L, et al. Prostatic kallikrein: a new major dog allergen. J Allergy Clin Immunol. 2009 Feb;123(2):362-368.e3. doi: 10.1016/j.jaci.2008.11.021. PMID: 19135239.
2. Chapdelaine P, et al: Nucleotide sequence of the androgen-dependent arginine esterase mRNA of canine prostate. FEBS Lett. 232(1):187-192, 1988.