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SPECIFICATION SHEET

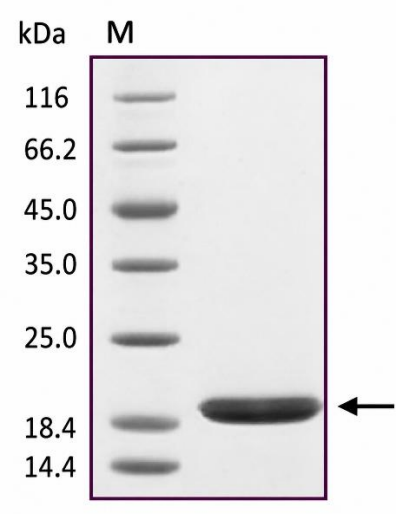
Product Name: Can f 4 — Catalog # CF04-A25H

Product Description: Recombinant *Canis lupus familiaris* allergen Can f 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.

Alternative Names : Dog dander lipocalin allergen, canis familiaris allergen 4
Source : *Canis lupus familiaris* (canine, domestic dog)
Accession Numbers : Genbank: ACY38525
UniProt: D7PBH4
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 100 mM NaCl, pH 7.4
Molecular Weight : Calculated: 19.1 kDa
Observed: ~19.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Mattsson L, et al. Molecular and immunological characterization of Can f 4: a dog dander allergen cross-reactive with a 23 kDa odorant-binding protein in cow dander. Clin Exp Allergy. 2010 Aug;40(8):1276-87.
2. Rytkönen-Nissinen M, et al. IgE Reactivity of the Dog Lipocalin Allergen Can f 4 and the Development of a Sandwich ELISA for Its Quantification. Allergy Asthma Immunol Res. 2015 Jul;7(4):384-92.

Version: 1.0