

SPECIFICATION SHEET

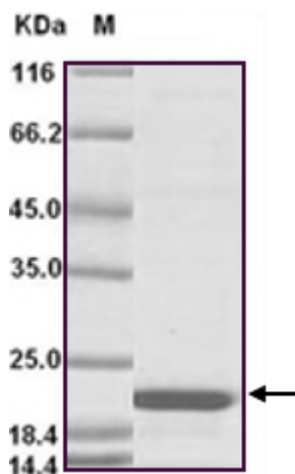
Product Name: Can f 4

Catalog # CF04-A23H

Product Description: Recombinant *Canis lupus familiaris* allergen Can f 4 was expressed in HEK293 Cells 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	: <i>Canis lupus familiaris</i> (canine, domestic dog)
Accession Numbers	: Genbank: ACY38525 UniProt: D7PBH4
Host	: HEK293 Cells
Formulation	: Protein stored in 50 mM Tris, 100 mM NaCl, 0.02% Tween 80, pH 8.0
Molecular Weight	: Calculated: 19.1 kDa Observed: ~20.0 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. Rytönen-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