

Can f 6 Protein, Canine (HEK293, His)

Cat. No.:	HY-P74357
Synonyms:	Lipocalin Can f 6.0101; Allergen Can f 6
Species:	Canine
Source:	HEK293
Accession:	H2B3G5 (H16-E190)
Gene ID:	481674
Molecular Weight:	Approximately 22-27 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Canine dander is a common source of canine allergens, including canine albumin Can f 3 and lipid-protein family members Can f 1, Can f 2, Can f 4, and Can f 6. Can f 6 is a novel dog lipid allergen that cross-reacts with horse and cat lipids. Can f 6 and homologous allergens may cause multiple sensitization and symptoms in individuals allergic to mammals ^{[1][2]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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