

Fel d 1

Catalog No: FD01-A951H

Fel d 1, a secretoglobin protein is a major cat allergen. The allergen is predominantly produced in their saliva and subcutaneous glands located in their skin. Fel d 1 is a thermostable glycoprotein produced by cats supposedly to protect their skin and the majority of the protein is airborne carried around by small particles and is exposed to humans through the respiratory tract. The protein causes strong IgE or IgG-mediated allergic or asthmatic response in sensitive individuals and is studied excessively for its role in allergic respiratory diseases and its significant allergenicity.

Product Features



Full length
recombinant protein



Source
Felis catus



Expression system
E.coli



Tag
C terminal His-tag

Competitors



Technical Features



Purity Approx.
90% using densitometry



Aliases
Major allergen I polypeptide chain 1, Allergen Cat-1, Major allergen I polypeptide chain 2, Allergen Cat-2



Molecular weight
~28 kDa



Purification using affinity
chromatography