

Asp f 3

Catalog No: AF03-A931H

Asp f 3 is a major allergen produced by the mycelia of the fungus *Aspergillus fumigatus*. The ubiquitous presence of this fungus in the environment makes this allergen one of the most potent antigens inducing IgE mediated allergies in humans alongside elevated serum IgE levels, eosinophilia, lung infiltration, bronchiectasis, and the presence of IgG antibodies (Abs) specific to Asp f3. Humans are exposed to this peroxisomal protein through the airway route and can cause lethal allergic reactions and invasive fungal infections in patients who are immunocompromised and patients undergoing cancer treatments.

Product Features



Full length
recombinant protein



Source
Aspergillus fumigatus



Expression system
E.coli



Tag
C terminal His-tag

Competitors



Technical Features



Purity Approx.
90% using densitometry



Alias
Peroxiredoxin Asp f3, Prx,
Thioredoxin peroxidase, TPx



Molecular weight
~20 kDa



Purification using affinity
chromatography