

SPECIFICATION SHEET

Product Name: Asp f 1

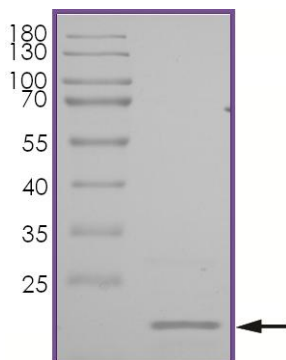
Catalog # AF01-A931H

Product Description: Recombinant *Aspergillus fumigatus* allergen Asp f 1 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.

Data for a Sample Lot:

Alternate Names	: Ribonuclease mitogillin, Allergen Asp f I, Allergen I/a, IgE-binding ribotoxin, Major allergen Asp f 1
Source	: <i>Aspergillus fumigatus</i>
Accession Numbers	: Genbank: M83781 UniProt: P67875
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1 X PBS solution.
Molecular weight	: Calculated: 18.5 kDa Observed: ~18 kDa
Purity	: The purity was determined to be >90% by densitometry
Gel Image	



References

1. Arruda LK, et.al. *Aspergillus fumigatus* allergen I, a major IgE-binding protein, is a member of the mitogillin family of cytotoxins. *J Exp Med.* 1990 Nov 1;172(5):1529-32. doi: 10.1084/jem.172.5.1529. PMID: 2230656; PMCID: PMC2188668.
2. Lamy B, et. al. Secretion of a potential virulence factor, a fungal ribonucleotoxin, during human aspergillosis infections. *Mol Microbiol.* 1991 Jul;5(7):1811-5. doi: 10.1111/j.1365-2958.1991.tb01930.x. PMID: 1943712..