

SPECIFICATION SHEET

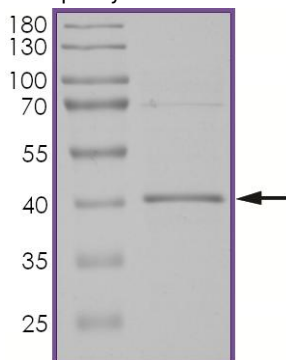
Product Name: Asp f 2
Catalog # AF02-A931H

Product Description: Recombinant *Aspergillus fumigatus* allergen Asp f 2 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	: Major allergen Asp f 2, Allergen Asp f II
Source	: <i>Aspergillus fumigatus</i>
Accession Numbers	: GenBank: U56938.1 UniProt: P79017
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1x PBS, 5% sucrose, 5% trehalose solution
Molecular weight	: Calculated: 32.3 kDa Observed: ~41 kDa
Purity	: The purity was determined to be > 88% by densitometry
Gel Image	



References

1. Banerjee B, Kurup VP, Phadnis S, Greenberger PA, Fink JN. Molecular cloning and expression of a recombinant *Aspergillus fumigatus* protein Asp f II with significant immunoglobulin E reactivity in allergic bronchopulmonary aspergillosis. *J Lab Clin Med.* 1996 Mar;127(3):253-262. doi: 10.1016/s0022-2143(96)90093-1. PMID: 9273358.
2. Banerjee B, Greenberger PA, Fink JN, Kurup VP. Immunological characterization of Asp f 2, a major allergen from *Aspergillus fumigatus* associated with allergic bronchopulmonary aspergillosis. *Infect Immun.* 1998 Nov;66(11):5175-5182. doi: 10.1128/IAI.66.11.5175-5182.1998. PMID: 9784519; PMCID: PMC108645.