

SPECIFICATION SHEET

Product Name: Asp f 22
Catalog # AF02-A931H

Product Description: Recombinant *Aspergillus fumigatus* allergen Asp f 22 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 : Asp f 22.0101, 2-phospho-D-glycerate hydro-lyase, 2-phosphoglycerate dehydratase

Source : *Aspergillus fumigatus*

Accession Numbers : Genbank: [AF284645](#)
 UniProt: [Q96X30](#)

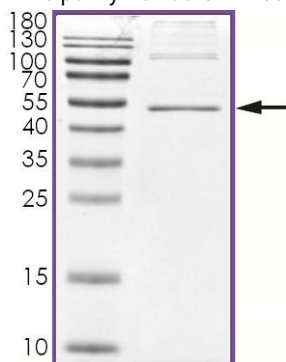
Host : *E. coli*

Formulation : Recombinant protein stored in 1x PBS, 5% trehalose solution.

Molecular weight : Calculated: 48.4 kDa
 Observed: ~52 kDa

Purity : The purity was determined to be >80% 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):253-62. 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):5175-82. doi: 10.1128/IAI.66.11.5175-5182.1998. PMID: 9784519; PMCID: PMC108645.