

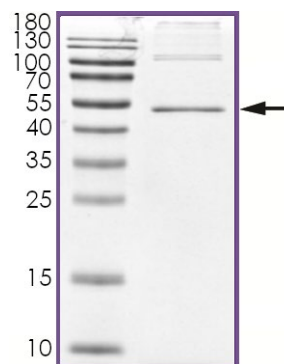
Asp f 22

Recombinant allergen protein expressed in *E. coli*

Catalog # **AF04-A36H**

Lot # 1M2678-1

Catalog Number	AF04-A36H
Allergen	Asp f 22
Alternate Names	Asp f 22.0101, 2-phospho-D-glycerate hydro-lyase, 2-phosphoglycerate dehydratase
Source	<i>Aspergillus fumigatus</i>
Accession Numbers	Genbank: AF284645 UniProt: Q96X30
Host	<i>E. coli</i>
Formulation	Recombinant protein stored in 1X PBS, 5% trehalose solution.
Molecular Weight	Calculated: 48.4 kDa Observed: ~52 kDa
Purity	The purity of Asp f 22 was determined to be >80% by densitometry.
Concentration	2.24 µg/µl



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 diluted product into smaller quantities.

References

1. Lai HY, et al: cDNA cloning and immunological characterization of a newly identified enolase allergen from *Penicillium citrinum* and *Aspergillus fumigatus*. *Int Arch Allergy Immunol.* Mar;127(3):181-90, 2002.
2. Nieman WC, et al: Genomic sequence of the pathogenic and allergenic filamentous fungus *Aspergillus fumigatus*. *Nature.* Dec 22;438(7071):1151-6, 2005.

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