

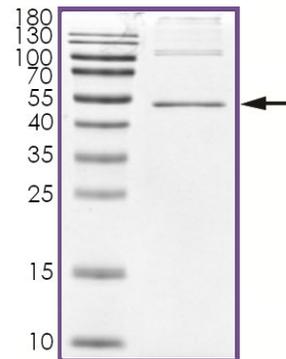
## Asp f 22

Recombinant allergen protein expressed in *E. coli*

Catalog # AF04-A36H

Lot # 1M2678-1

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