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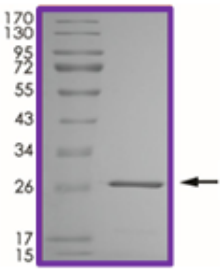
SPECIFICATION SHEET

Product Name: Asp f 6 — Catalog # AF06-A931H

Product Description: Recombinant full-length *Aspergillus fumigatus* allergen Asp f 6 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	: Superoxide dismutase (Mn), mitochondrial
Source	: *Aspergillus fumigatus*
Accession Numbers	: GenBank: U53561.1 UniProt: Q92450
Host	: *E. coli*
Formulation	: Protein stored in 1x PBS solution
Molecular Weight	: Calculated: 25.9 kDa Observed: ~26 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Concentration	: 1.79 µg/µL
Gel Image	

References

1. Nierman WC, et al: Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. Nature. 438:1151–1156, 2005.
2. Flueckiger S, et al: Comparison of the crystal structures of the human manganese superoxide dismutase and the homologous Aspergillus fumigatus allergen at 2-Å resolution. J. Immunol. 168:1267-1272, 2002.