

SPECIFICATION SHEET

Product Name: Pen ch 18
Catalog # PC18-A961H

Product Description: Recombinant *Penicillium chrysogenum* allergen, Pen ch 18, 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

: Subtilisin-like serine protease Pen ch 18, Allergen Pen n 18, Vacuolar serine protease

Source

: *Penicillium chrysogenum*

Accession Numbers

: GenBank: [AF264027.1](#)

UniProt: [Q9P8G3](#)

Host

: *E. coli*

Formulation

: Recombinant protein stored in 1x PBS, 20 mM arginine, 20 mM L-glutamic acid, 3% sucrose solution

Molecular weight

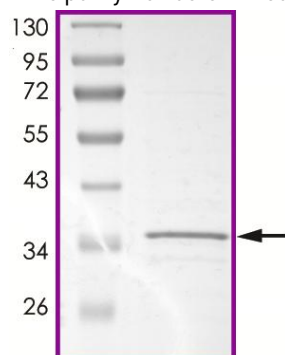
: Calculated: 34.2 kDa

Observed: ~34 kDa

Purity

: The purity was determined to be > 90% by densitometry

Gel Image



References

1. Yu CJ, Chen YM, Su SN, Forouhar F, Lee SH, Chow LP. Molecular and immunological characterization and IgE epitope mapping of Pen n 18, a major allergen of *Penicillium notatum*. *Biochem J*. 2002 May 1;363(Pt 3):707-715. doi: 10.1042/bj3630707. PMID: 11964171. PMCID: PMC1222523.