

SPECIFICATION SHEET

Product Name: Phl p 11
Catalog # PP11-A22H

Product Description: Recombinant *Phleum pratense* allergen Phl p 11 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.

Alternative Names : Group 11 grass pollen allergen, Ole e 1-related protein

Source : *Phleum pratense* (common timothy)

Accession Numbers : Genbank: [AAN32987](#)

UniProt: [Q8H6L7](#)

Host : *E. coli*

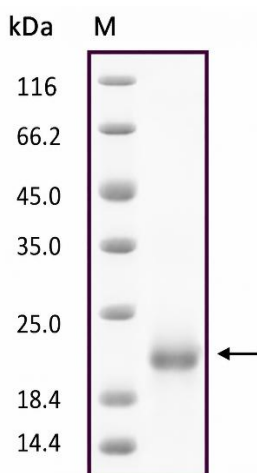
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, 10 % Glycerol, 1 mM DTT, 0.1% Triton, pH 7.5

Molecular Weight : Calculated: 20.0 kDa

Observed: ~20.0 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Marknell DeWitt A, et al, Molecular and immunological characterization of a novel timothy grass (*Phleum pratense*) pollen allergen, Phl p 11. Clin Exp Allergy. 2002 Sep;32(9):1329-40.
2. Wildner S, et al. Endolysosomal Degradation of Allergenic Ole e 1-Like Proteins: Analysis of Proteolytic Cleavage Sites Revealing T Cell Epitope-Containing Peptides. Int J Mol Sci. 2017 Aug 16;18(8):1780.

Version: 1.0