

SPECIFICATION SHEET

Product Name: Api g 1
Catalog # AP01-A921H

Product Description: Recombinant *Apium graveolens* allergen Api g 1 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 : Major allergen Api g 1, isoallergen 1, Allergen Api g 1.0101, Allergen Api g I

Source : *Apium graveolens* (Celery)

Accession Numbers : Genbank: [Z48967.1](#)
 UniProt: [P49372](#)

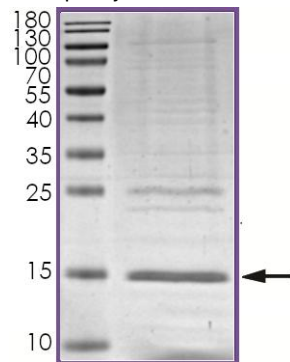
Host : *E. coli*

Formulation : Recombinant protein stored in 1x PBS, 5% trehalose solution.

Molecular weight : Calculated: 17.4 kDa
 Observed: ~15 kDa

Purity : The purity was determined to be >80% by densitometry

Gel Image



References

1. Breiteneder H, et al: Molecular characterization of Api g 1, the major allergen of celery (*Apium graveolens*), and its immunological and structural relationships to a group of 17-kDa tree pollen allergens. *Eur J Biochem.* Oct 15;233(2):484-9, 1995.