

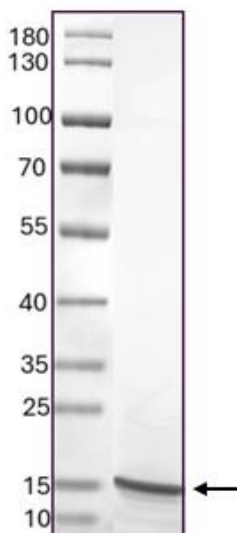
SPECIFICATION SHEET

Product Name: Cap a 2
Catalog # CP02-A32H

Product Description: Recombinant *Capsicum annuum* allergen Cap a 2 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 : Bell Pepper Profilin
Source : *Capsicum annuum* (capsicum pepper)
Accession Numbers : GenBank: [Q93YI9](#)
 UniProt: [AJ417552](#)
Host : *E. coli*
Formulation : Protein stored in 1x PBS
Molecular Weight : Calculated: 15.3 kDa
 Observed: ~15 kDa
Purity : The purity was determined to be ≥ 90% by densitometry
Gel Image



References

1. Willeroider M, et al. Cloning and Molecular and Immunological Characterisation of Two New Food Allergens, Cap a 2 and Lyc e 1, Profilins from Bell Pepper (*Capsicum annuum*) and Tomato (*Lycopersicon esculentum*). International Archives of Allergy and Immunology. 2003. 131(4):245-255.
2. Jensen-Jarolim E, et al. Bell peppers (*Capsicum annuum*) express allergens (profilin, pathogenesis-related protein P23 and Bet v 1) depending on the horticultural strain. International Archives of Allergy and Immunology. 1998. 116(2):103-109.