

SPECIFICATION SHEET

Product Name: Cro s 2
Catalog # CS02-A32H

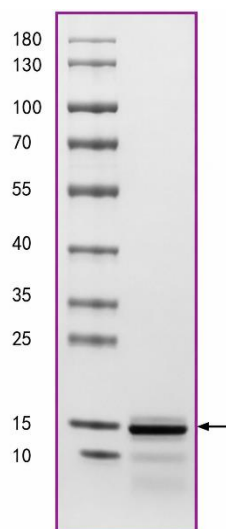
Product Description: Recombinant *Crocus sativus* (Saffron) allergen Cro s 2 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles, aliquot product into smaller quantities.

Data for a Sample Lot:

Alternative Names : Profilin
Source : *Crocus sativus* (Saffron)
Accession Numbers : Genbank: [AY898658](https://www.ncbi.nlm.nih.gov/nuclot/AY898658)
 UniProt: [Q5EF31](https://www.uniprot.org/uniprot/Q5EF31)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 15.2 kDa
 Observed: ~15 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Varasteh AR, et al. Cloning and expression of the allergen Cro s 2 profilin from saffron (*Crocus sativus*). *Allergol Int.* 2009 Sep;58(3):429-35.
2. Gómez-Gómez, et al. Saffron and Other Spices as Potential Allergenic Sources. *Food and Public Health / Global Science Books*, 2010. 74-80.