

SPECIFICATION SHEET

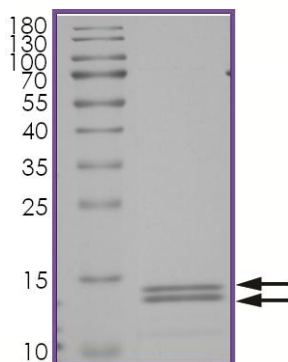
Product Name: Che a 2
Catalog # CH02-A921H

Product Description: Recombinant *Chenopodium album* allergen Che 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.

Data for a Sample Lot:

Alternate Names	: Profilin, Minor pollen allergen Che a 2
Source	: <i>Chenopodium album</i> (White goosefoot)
Accession Numbers	: Genbank: AY082337.1 UniProt: Q84V37
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1x PBS solution
Molecular weight	: Calculated: 15.4 kDa Observed: ~14 kDa
Concentration	: 2.41 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	



References

1. Barderas R, Villalba M, Pascual CY, Batanero E, Rodríguez R. Profilin (Che a 2) and polcalcin (Che a 3) are relevant allergens of *Chenopodium album* pollen: isolation, amino acid sequences, and immunologic properties. *J Allergy Clin Immunol*. 2004 Jun;113(6):1192-8. doi: 10.1016/j.jaci.2003.12.587. PMID: 15208604.