

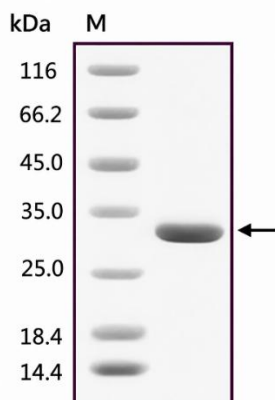
SPECIFICATION SHEET

Product Name: Hum s 1
Catalog #HS01-A22H

Product Description: Recombinant *Humulus scandens* allergen Hum s 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.

Alternative Names : Major allergen Hum s 1
Source : *Humulus scandens* (hop)
Accession Numbers : Genbank: [AY268424.1](https://www.ncbi.nlm.nih.gov/nuclot/AY268424.1)
 UniProt: [Q64LH4](https://www.uniprot.org/uniprot/Q64LH4)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 150 mM NaCl, pH 8.0
Molecular Weight : Calculated: 27.3 kDa
 Observed: ~26.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Jeong KY. et al. Allergenicity of recombinant Profilins from Japanese Hop, *Humulus japonicus*. J Investig Allergol Clin Immunol 2013; Vol. 23(5): 345-350
2. Tao AL, He SH. Cloning, expression, and characterization of pollen allergens from *Humulus scandens* (Lour) Merr and *Ambrosia artemisiifolia* L. Acta Pharmacol Sin. 2005 Oct;26(10):1225-32.

Version: 1.0