

SPECIFICATION SHEET

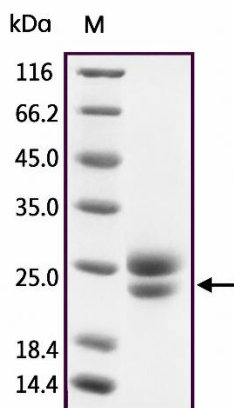
Product Name: Equ c 1

Catalog # EC01-A25H1

Product Description: Recombinant *Equus ferus caballus* allergen Equ c 1 was expressed in *P. pastoris* 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 horse allergen Equ c 1, horse lipocalin
Source : *Equus ferus caballus* (domestic horse)
Accession Numbers : Genbank: [AAC48691](#)
 UniProt: [Q95182](#)
Host : *P. pastoris*
Formulation : Protein stored in 20 mM Tris, 50 mM NaCl, pH 7.4
Molecular Weight : Calculated: 20.9 kDa
 Observed: ~22.0 kDa, ~25.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Gregoire C, et al. cDNA cloning and sequencing reveal the major horse allergen Equ c1 to be a glycoprotein member of the lipocalin superfamily. J Biol Chem. 1996 Dec 20;271(51):32951-9.
2. Lascombe MB, et al. Crystal structure of the allergen Equ c 1. A dimeric lipocalin with restricted IgE-reactive epitopes. Journal of Biological Chemistry. 2000;275(28):21572-21577.

Version: 1.0