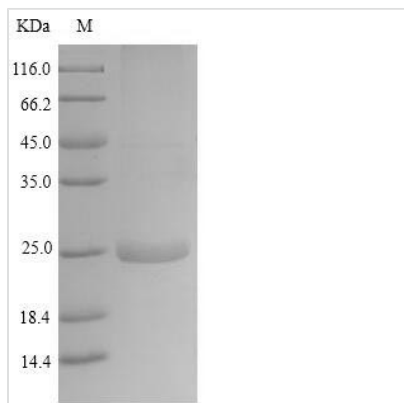




Recombinant Horse Latherin (LATH)

Product Code	CSB-YP306756HO
Relevance	Major protein in sweat, has surfactant properties. Has a role in temperature regulation by having a capacity to make hydrophobic surfaces wettable and so can function in promoting spreading and evaporation of sweat.
Abbreviation	Recombinant Horse LATH protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P82615
Alias	Dander allergen Equ c 4/Equ c 5
Product Type	Recombinant Protein
Immunogen Species	Equus caballus (Horse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QQIPPEVSSQITDALTTQGLLDGNFLSLLNAINLEGLLNTILDQVTGLLNILVGPLL GPSDAEIKLQDTRLLQLSLEFSPDSKIDIWIPLELSVYLKLLILEPLTLYVRTDIR VQLRLESDDEDGKYRLAFGHCSLLPRAIELQSGNPLSLPVNAVLTGNIENALGNFIT EDLGAGLCPTLNSLVSNLDLQLVNNLINLILDRANVDLSV
Research Area	others
Source	Yeast
Target Names	LATH
Protein Names	Recommended name: Latherin Alternative name(s): Dander allergen Equ c 4/Equ c 5 Allergen= Equ c 4
Expression Region	21-228aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	24.6kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.