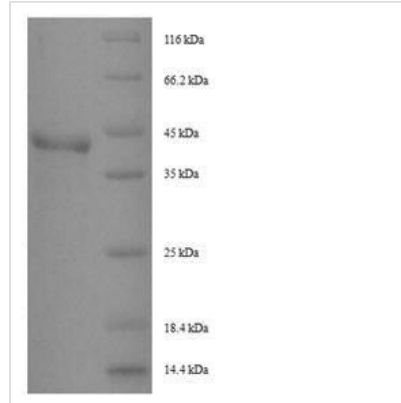




Recombinant Dermatophagoides pteronyssinus Peptidase 1 (DERP1)

Product Code	CSB-EP357315DJH
Relevance	Thiol protease, with a preference for substrates with a large hydrophobic side chain in the P2 position, or with basic residues.
Abbreviation	Recombinant Dermatophagoides pteronyssinus DERP1 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.	P08176
Alias	Allergen Der p I Major mite fecal allergen Der p 1 Allergen: Der p 1
Product Type	Recombinant Protein
Immunogen Species	Dermatophagoides pteronyssinus (European house dust mite)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TNACSINGNAPAEIDLRQMRTVTPIRMQGGCGSCWAFSGVAATESAYLAYRN QSLDLAEQELVDCASQHGCHGDTIPRGIEYIQHNGVVQESYYRYVAREQSCR RPNAQRFGISNYCQIYPPNVNKIREALAQTHSAIAVIIGIKDLDAFRHYDGRITIQ RDNGYQPNYHAVNIVGYSNAQGVDYWIVRNSWDTNWDGNGYGYFAANIDLM MIEEYPYVVIL
Research Area	Others
Source	E.coli
Target Names	DERP1
Expression Region	99-320aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	41.0kDa
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.