

Recombinant Dermatophagoides pteronyssinus
Peptidase 1(DERP1)



Catalog No: #AP73806

Orders: order@abscitech.com

Package Size: #AP73806-1 10ug #AP73806-2 50ug #AP73806-3 100ug #AP73806-4 200ug #AP73806-5 500ug #AP73806-6 1mg

Support: tech@abscitech.com

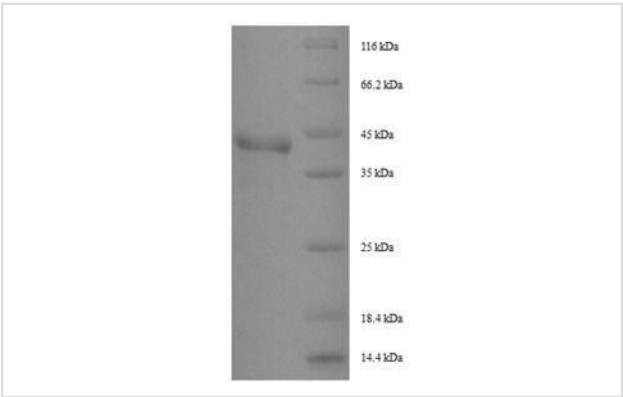
Description

Product Name	Recombinant Dermatophagoides pteronyssinus Peptidase 1(DERP1)
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	DERP1
Other Names	Allergen Der p I Major mite fecal allergen Der p 1 Allergen: Der p 1
Accession No.	Uniprot ID: P08176
Target Species	Dermatophagoides pteronyssinus (European house dust mite)
SDS-PAGE MW	41kDa
Target Length	Full Length,99-320aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	TNACSINGNAPAEIDLRQMRTVTPIRMQGGCGSCWAFSGVAATESAYLAYRNQSLDLAEQELVDCASQHGCH GDTIPRGIEYIQHNGVVQESYYRYVAREQSCRPNAAQRFGISNYCQIYPPNVNKIREALAQTHSAIAVIIGIKDLD AFRHYDGRITIIQRDNGYQPNYHAVNIVGYDNAQGVYDWIVRNSWDTNWGDNGYGYFAANIDLMMIEEYPYVV IL
Formulation	Tris-based buffer,50% glycerol
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.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Thiol protease, with a preference for substrates with a large hydrophobic side chain in the P2 position, or with basic residues.

References

"Cloning and expression of DNA coding for the major house dust mite allergen Der p 1 in Escherichia coli." Thomas W.R., Stewart G.A., Simpson R.J., Chua K.Y., Plozza T.M., Dilworth R.J., Nisbet A., Turner K.J. Int. Arch. Allergy Appl. Immunol. 85:127-129(1988)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.