abcam

Product datasheet

Recombinant Human Loricrin protein ab114261

1 Image

Description

Product name	Recombinant Human Loricrin protein
Expression system	Wheat germ
Accession	P23490
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSYQKKQPTPQPPVDCVKTSGGGGGGGGGGGGGCGFF GGGGSGGGSSGSG CGYSGGGGYSGGGCG GGSSGGGGGGGIGGCGGGSGGSVKYSGGGGSSG GGSGCFSSGGGGSGCFSSGGGGSSGGGSGCFS SGGGGSSGGGSGCFSS GGGGFSGQAVQCQSYGGVSSGGSSGGGSGCFSSGGGG GSVCGYSGGGSG GGSGCGGGSSGGSGSGYVSSQQVTQTSCAPQPSYGGG SSGGGGSGGSGC FSSGGGGGSSGCGGGS SGIGSGCIISGGGSVCGGGSSGGGGGGSSVGG SGSGKGVPICHQTQQKQAPTWPSK
Predicted molecular weight	61 kDa including tags
Amino acids	1 to 316

Specifications

Our Abpromise guarantee covers the use of **ab114261** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	SDS-PAGE
	Western blot
Form	Liquid
Additional notes	

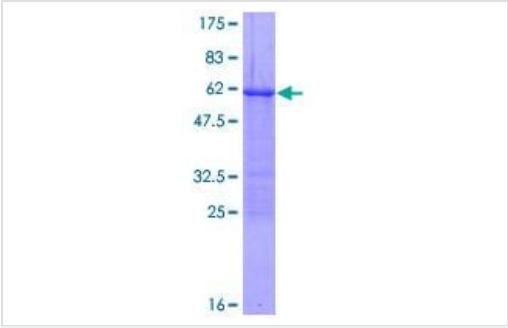
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Major keratinocyte cell envelope protein.
Involvement in disease	Defects in LOR are a cause of progressive symmetric erythrokeratodermia (PSEK) [MIM:133200]. Erythrokeratodermas are a group of disorders characterized by widespread erythematous plaques, either stationary or migratory, associated with features that include palmoplantar keratoderma. PSEK is characterized by erythematous and hyperkeratotic plaques. Defects in LOR are the cause of Vohwinkel syndrome with ichthyosis (VSI) [MIM:604117]; also known as loricrin keratoderma (LK) or mutilating keratoderma with ichthyosis. VSI is an ichthyotic variant of Vohwinkel syndrome (VS) characterized by progressive symmetric erythrokeratoderma or congenital ichthyosiform erythroderma born as a collodion baby. Common clinical features include hyperkeratosis of the palms and soles with digital constriction.
Post-translational modifications	Substrate of transglutaminases. Some glutamines and lysines are cross-linked to other loricrin molecules and to SPRRs proteins. Contains inter- or intramolecular disulfide-bonds.
Cellular localization	Cytoplasm. Nucleus > nucleoplasm.

Images



SDS-PAGE - Recombinant Human Loricrin protein (ab114261)

ab114261 analysed by 12.5% SDS-PAGE and stained with Coomassie Blue.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors