

Product datasheet

Recombinant Human S100A11 protein ab104643

1 Image

Description

Product name	Recombinant Human S100A11 protein
Purity	> 95 % SDS-PAGE. ab104643 is purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
Expression system	Escherichia coli
Accession	<u>P31949</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMAKISSPTETERCI ESLIAVFQKYAG KDGYNYTLSKTEFLSFMNTELAFTKNQKDPGVLDMMK KLDTNSDGQLD FSEFLNLIGGLAMACHDSFLKAVPSQKRT
Predicted molecular weight	14 kDa including tags
Amino acids	1 to 105
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab104643** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -
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80°C. Avoid freeze / thaw cycle.

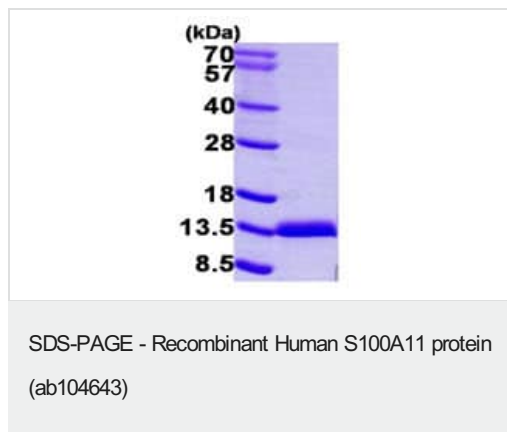
pH: 7.4

Constituents: 20% Glycerol (glycerin, glycerine), 80% PBS

General Info

Function	Facilitates the differentiation and the cornification of keratinocytes.
Sequence similarities	Belongs to the S-100 family. Contains 2 EF-hand domains.
Post-translational modifications	Phosphorylation at Thr-10 by PRKCA significantly suppresses homodimerization and promotes association with NCL/nucleolin which induces nuclear translocation.
Cellular localization	Cytoplasm. Nucleus.

Images



15% SDS-PAGE showing ab104643 at approximately 14.2kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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