

Product datasheet

Recombinant Human S100A16 protein ab105607

1 Image

Description

Product name	Recombinant Human S100A16 protein
Purity	> 95 % SDS-PAGE. ab105607 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q96FQ6</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSHMSDCYTELEK AVIVLVENFYKYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS
Predicted molecular weight	14 kDa including tags
Amino acids	1 to 103

Specifications

Our **Abpromise guarantee** covers the use of **ab105607** 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 1.16% Sodium
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chloride

General Info

Function	Calcium-binding protein. Binds one calcium ion per monomer.
Sequence similarities	Belongs to the S-100 family. Contains 2 EF-hand domains.
Cellular localization	Nucleus > nucleolus. Cytoplasm. Primarily nucleolar. Translocates from the nucleolus to the cytoplasm in response to an increase of intracellular calcium levels.

Images



15% SDS-PAGE showing ab105607 (3 µg) at approximately 13.9 kDa.

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

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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