

Product datasheet

Recombinant Human S100A5 protein ab125665

Overview

Product name	Recombinant Human S100A5 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P33763
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH METPLEKALT TMVTFHKYS GREGSKLTLR RKLKELIKK ELCLGEMKES SIDDLMKSLD KNSDQEIDFK EYSVFLTMLC MAYNDFFLD NK
Molecular weight	13 kDa including tags
Amino acids	1 to 92
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab125665** 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
Purity	> 90 % SDS-PAGE. Purified by proprietary chromatographic techniques.
Form	Liquid
Additional notes	For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. pH: 8.00
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General Info

Function	Binds calcium, zinc and copper. One subunit can simultaneously bind 2 calcium ions or 2 copper ions plus 1 zinc ion. Calcium and copper ions compete for the same binding sites.
Sequence similarities	Belongs to the S-100 family. Contains 2 EF-hand domains.

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