

## Product datasheet

# Recombinant Human S100A10 protein (His tag) ab221399

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### Description

<b>Product name</b>	Recombinant Human S100A10 protein (His tag)	
<b>Purity</b>	> 95 % SDS-PAGE. Purified by Immobilized metal affinity chromatography.	
<b>Endotoxin level</b>	< 1.000 Eu/g	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<b><u>P60903</u></b>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MPSQMEHAMETMMFTFHKFAGDKGYLTKEDLRVLMEKE FPGFLENQKDPL AVDKIMKDLDQCRDGKVGFSFFSLIAGLTACNDYFVVH MKQKGKK	
<b>Predicted molecular weight</b>	12 kDa including tags	
<b>Amino acids</b>	1 to 97	
<b>Tags</b>	His tag C-Terminus	

### Specifications

Our **Abpromise guarantee** covers the use of **ab221399** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Lyophilized

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.4
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Constituents: 5% Trehalose, 0.61% Tris buffer, 0.87% Sodium chloride

## Reconstitution

Reconstitute with sterile deionized water to a concentration of 500 µg/ml.

## General Info

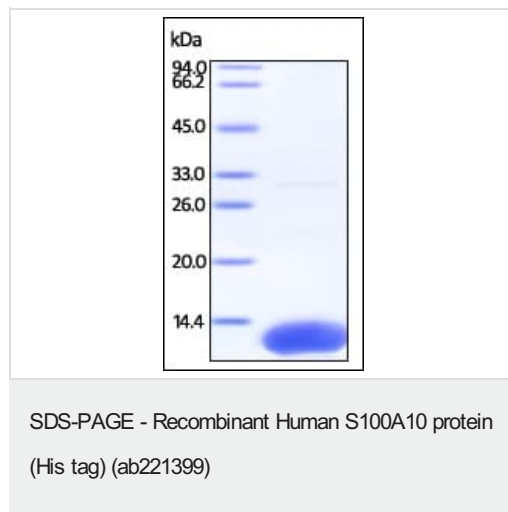
### Function

Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

### Sequence similarities

Belongs to the S-100 family.

## Images



SDS-PAGE using ab221399. DTT-reduced protein migrates as 12 kDa.

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

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