

Product datasheet

Recombinant Human S100A12/CGRP protein ab103393

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human S100A12/CGRP protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P80511</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKHHHHHHAS TKLEEHLEGI VNIFHQYSVR KGHFDLSKG ELKQLLTKEL ANTIKNIKDK AVIDEIFQGL DANQDEQVDF QEFISLVAIA LKAAHYHCHK E
Predicted molecular weight	12 kDa including tags
Amino acids	2 to 92
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab103393** 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 Western blot
Form	Lyophilized
Additional notes	This product was previously labelled as S100A12

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.
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Constituents: 0.242% Tris, 0.29% Sodium chloride

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter the product by an appropriate sterile filter before using it in the cell culture.

General Info

Function

Calcitermin possesses antifungal activity against *C.albicans* and is also active against *E.coli* and *P.aeruginosa* but not *L.monocytogenes* and *S.aureus*. Binds calcium, zinc and copper. Presence of zinc increases the affinity for calcium. Plays an important role in the inflammatory response. Interaction with AGER on endothelium, mononuclear phagocytes, and lymphocytes triggers cellular activation, with generation of key proinflammatory mediators.

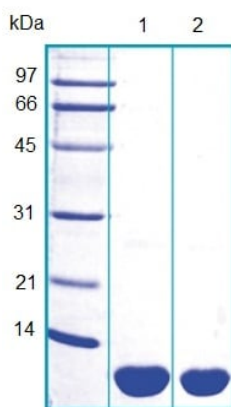
Tissue specificity

Monocytes and lymphocytes.

Sequence similarities

Belongs to the S-101 family.
Contains 2 EF-hand domains.

Images



SDS-PAGE - Recombinant Human S100A12/CGRP protein (ab103393)

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

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