

## Product datasheet

# Recombinant Human S100A12/CGRP protein ab103393

[1 References](#) [1 图像](#)

### 描述

产品名称	重组人S100A12/CGRP蛋白
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>P80511</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<b>MKHHHHHHAS TKLEEHLEGI VNIFHQYSVR KGFHDTLSKG ELKQLLTKEL ANTIKNIKDK AVIDEIFQGL DANQDEQVDF QEFISLVAIA LKAAHYHTHK E</b>
预测分子量	12 kDa including tags
氨基酸	2 to 92
标签	His tag N-Terminus

### 技术指标

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.

应用	SDS-PAGE Western blot
形式	Lyophilized
补充说明	This product was previously labelled as S100A12

### 制备和贮存

**稳定性和存储** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Constituents: 0.242% Tris, 0.29% Sodium chloride

#### 复溶

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.

#### 常规信息

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##### 功能

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.

##### 组织特异性

Monocytes and lymphocytes.

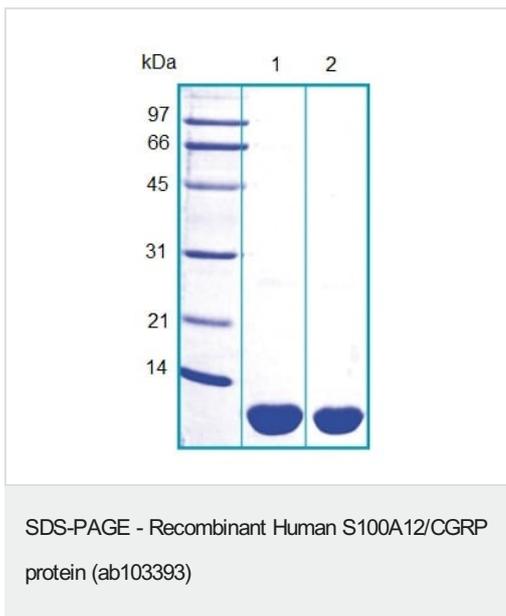
##### 序列相似性

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

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#### 图片

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14% SDS-PAGE analysis of 5 µg ab103393

Lane 1: reduced and heated sample

Lane 2: non reduced and non heated sample

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

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