

# Recombinant Human S100 alpha 6/PRA protein ab104645

**1 References**   **画像数 1**

### 製品の詳細

製品名	Recombinant Human S100 alpha 6/PRA protein
精製度	> 95 % SDS-PAGE. ab104645 is purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
発現系	Escherichia coli
アクセッション番号	<b><u>P06703</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMACPLDQAIGLLVAIFHKYS GREGDKHTLS KKELKELIQKELTIGSKLQDAEIARLMEDLDRNKDQEVNFQE YVTFLGAL ALIYNEALKG</b>
予測される分子量	12 kDa including tags
領域	1 to 90
タグ	His tag N-Terminus

### 特性

Our **Abpromise guarantee** covers the use of **ab104645** in the following tested applications.

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

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	This product was previously labelled as S100 alpha 6

### 前処理および保存

## 保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 関連情報

### 機能

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

### 配列類似性

Belongs to the S-100 family.  
Contains 2 EF-hand domains.

### 翻訳後修飾

The N-terminus is blocked.

### 細胞内局在

Nucleus envelope. Cytoplasm. Cell membrane.

## 画像



15% SDS-PAGE showing ab104645 at approximately 12.3kDa (3μg).

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

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