

## Product datasheet

# Recombinant Human S100 alpha 2 protein ab104821

### 画像数 1

#### 製品の概要

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製品名	Recombinant Human S100 alpha 2 protein
タンパク質長	Full length protein

#### 製品の詳細

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由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
アクセッション番号	<a href="#">P29034</a>
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMCSSLEQALAVLVTTFFHKYSCQEGDKFKLS KGEMKELLHKELPSFVGEKVDEEGLKCLMGSLDENSQQVDFQEYAVFLA LITVMCNDFQGCPRP</b>
分子量	13 kDa including tags
領域	2 to 98
タグ	His tag N-Terminus

#### 特性

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Our [Abpromise guarantee](#) covers the use of **ab104821** 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
精製度	> 90 % SDS-PAGE. ab104821 was purified using conventional chromatography techniques.
製品の状態	Liquid

#### 前処理および保存

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## 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: None

Constituents: 30% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, pH 8.0

## 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. May also play a role in suppressing tumor cell growth.

### 組織特異性

A subset of epithelial cells including normal human mammary epithelial cells and keratinocytes.

### 配列類似性

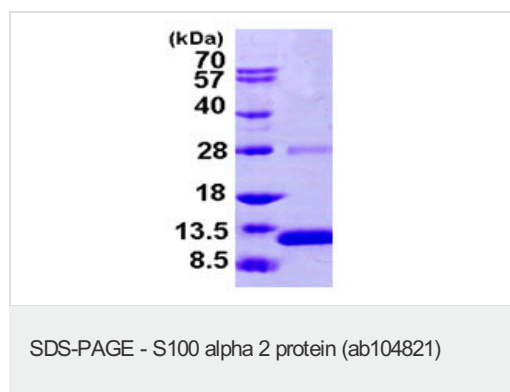
Belongs to the S-100 family.

Contains 2 EF-hand domains.

### 発生段階

Preferentially expressed in normal human mammary epithelial cells as opposed to tumor-derived ones. The level of S100L was shown to correlate inversely with tumor progression.

## 画像



15% SDS-PAGE analysis of 3µg ab104821.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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