

## Product datasheet

# Recombinant Human S100 Calcium Binding Protein A13 ab125667

### 概述

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产品名称	重组人S100 Calcium Binding蛋白A13
蛋白长度	Full length protein

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

Accession [Q99584](#)

种属 Human

序列 **MGSSHHHHH SSGLVPRGSH MAAEPLTELE**  
 ESLETVVTF FTFARQGRK DSLSVNEFKE  
 LVTQQLPHLL KDVGSLDEKM KSLDVNQDSE  
 LKFNEYWRLI GELAKEIRKK KDLKIRKK

分子量	14 kDa including tags
氨基酸	1 to 98
标签	His tag N-Terminus

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab125667** 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
纯度	> 95 % SDS-PAGE. Purified by proprietary chromatographic techniques.
形式	Liquid

### 制备和贮存

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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
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cycles.

pH: 8.00

Constituents: 0.32% Tris HCl, 20% Glycerol, 0.29% Sodium chloride

## 常规信息

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<b>功能</b>	Plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. Binds two calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not interfere with calcium binding. Required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine.
<b>组织特异性</b>	Expressed in heart and skeletal muscle.
<b>序列相似性</b>	Belongs to the S-100 family. Contains 2 EF-hand domains.
<b>细胞定位</b>	Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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