

Product datasheet

Recombinant Human S100 Calcium Binding Protein A13 ab125667

概述

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| 产品名称 | Recombinant人S100 Calcium Binding Protein A13 |
| 蛋白长度 | Full length protein |

描述

| | |
|----|------------------|
| 性质 | Recombinant |
| 来源 | Escherichia coli |

氨基酸序列

Accession [Q99584](#)

种属 Human

序列 **MGSSHHHHHH SGLVPRGSH 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

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.

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|----|---|
| 应用 | SDS-PAGE |
| 纯度 | > 95 % SDS-PAGE. Purified by proprietary chromatographic techniques. |
| 形式 | Liquid |

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.

pH: 8.00

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

常规信息

| | |
|--------------|--|
| 功能 | 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. |
| 组织特异性 | Expressed in heart and skeletal muscle. |
| 序列相似性 | Belongs to the S-100 family. Contains 2 EF-hand domains. |
| 细胞定位 | Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions. |

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