

Product datasheet

Recombinant Mouse S100 alpha protein ab108117

1 图像

描述

产品名称	重组小鼠S100 alpha蛋白
纯度	> 90 % SDS-PAGE. ab108117 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.
表达系统	Escherichia coli
Accession	<u>P56565</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	MGSSHHHHHSSGLVPRGSHMGSELESAMETLINVFHAHS GKEGDKYKLS KKELKDLLQTELSGFLDVQKDADAVDKVMKELDENG DGEVDF KEYVVLVA ALTVACNFFWETS
预测分子量	13 kDa including tags
氨基酸	1 to 94
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab108117** 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 Mass Spectrometry
质谱法	MALDI-TOF
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.
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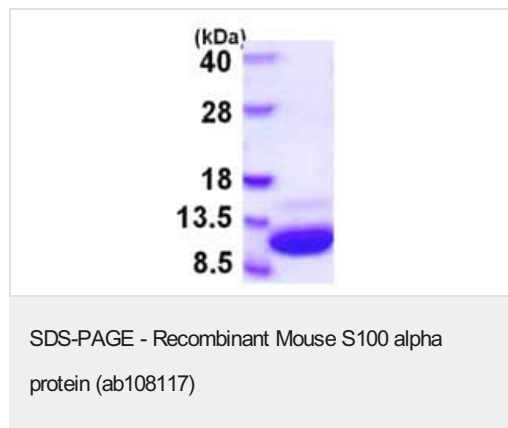
pH: 8.00

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

常规信息

功能	Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites.
组织特异性	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
序列相似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
细胞定位	Cytoplasm.

图片



15% SDS-PAGE showing ab108117 at approximately 12.6kDa (3 μ g).

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

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