

Recombinant Human S100A14 protein ab104642

1 图像

描述	
产品名称	重组人S100A14蛋白
纯度	> 95 % SDS-PAGE. 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>Q9HCY8</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGQCRSANAEDAQEFSDVER AIE TLIKN FHQYSVEGGKETLTPSELRLVTQQLPHLMPSNCGLEEKIAN LGS CND SKLEFRSFWELIGEAAKSVKLERPVRGH
预测分子量	14 kDa including tags
氨基酸	1 to 104
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab104642 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
补充说明	This product was previously labelled as S100 calcium binding protein A14

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: 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

功能

Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium.

组织特异性

Expressed at highest levels in colon and at moderate levels in thymus, kidney, liver, small intestine, and lung. Low expression in heart and no expression is seen in brain, skeletal muscle, spleen, placenta and peripheral blood leukocytes.

序列相似性

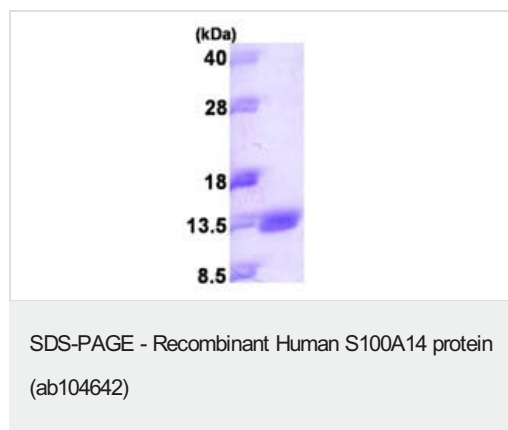
Belongs to the S-100 family.

Contains 1 EF-hand domain.

细胞定位

Cytoplasm.

图片



15% SDS-PAGE showing ab104642 at approximately 13.8kDa (3μg).

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

Our Abpromise to you: Quality guaranteed and expert technical support

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- 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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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