

Recombinant Human S100A14 protein ab101041

1 图像

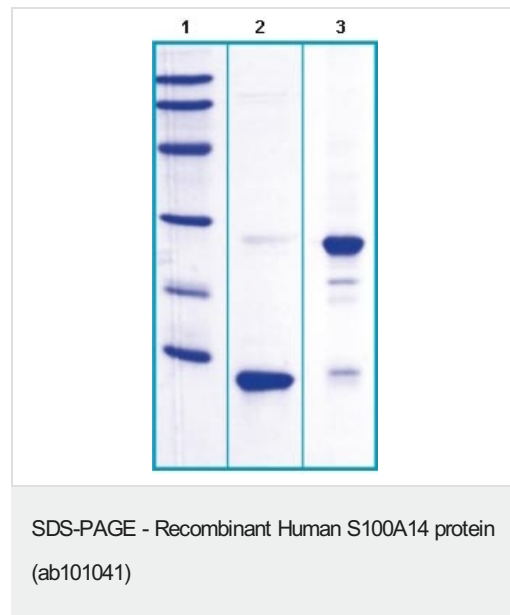
描述	
产品名称	重组人S100A14蛋白
纯度	> 95 % SDS-PAGE. ab101041 was purified using Ni-NTA chromatography and filtered through a 0.4 µm filter.
表达系统	Escherichia coli
Accession	<u>Q9HCY8</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>MKHHHHHHASMGQCRSANAEDAQEFSDVERAIETLIKNFHQ YSVEGGKET LTPSELRLDLVTQQLPHLMPSNCGLEEKIANLGSCNDSKLEFR SFWELIGE AAKSVKLERPVRGH</div>
预测分子量	13 kDa including tags
氨基酸	1 to 104
标签	His tag N-Terminus

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab101041 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot SDS-PAGE
形式	Lyophilized
补充说明	Store lyophilized protein at −20°C. Lyophilized protein remains stable until the expiry date when stored at −20°C. 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Please see notes section. Constituents: 0.242% Tris, 0.29% Sodium chloride
复溶	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in cell culture.
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



14% SDS-PAGE analysis of ab101041

Lane 1: Molecular weight markers; 14, 21, 31, 45, 66, 97 kDa

Lane 2: ab101041 (reduced and heated, 5µg / lane)

Lane 3: ab101041 (non-reduced and non-heated, 5µg / lane).

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

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- 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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