

Recombinant human S100 beta protein ab200489

画像数 1

製品の詳細

製品名	Recombinant human S100 beta protein
生理活性	Measured by its ability to bind human AGER in a functional ELISA.
精製度	> 95 % SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>P04271</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MSELEKAMVALIDVFHQYSGREGDKHKLLKKSELKELINNELS HFLEEIKE QEVVDKVMETLDNDGDGECDFQEFMAFVAMVTTACHEFFEHE
予測される分子量	12 kDa including tags
領域	1 to 92
タグ	His tag N-Terminus
配列の追加情報	NP_006263 Includes a polyhistidine tag at the N-terminus, and has a calculated MW of 11.5 kDa. The predicted N-terminus is Met. DTT-reduced Protein migrates as 11 kDa in SDS-PAGE .

特性

Our **Abpromise guarantee** covers the use of **ab200489** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Functional Studies
	SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 0.61% Tris buffer, 0.87% Sodium chloride, 5% Trehalose

This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

関連情報

機能

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. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling.

組織特異性

Although predominant among the water-soluble brain proteins, S100 is also found in a variety of other tissues.

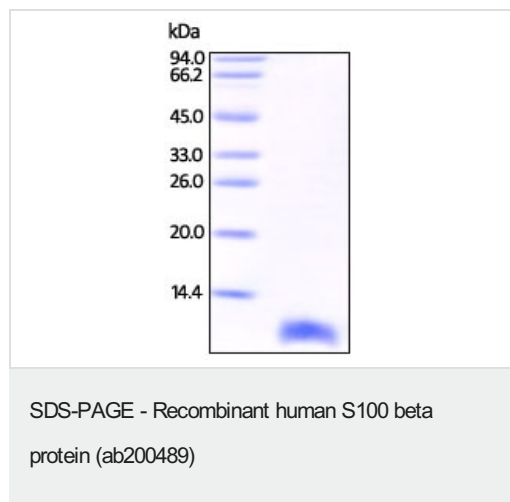
配列類似性

Belongs to the S-101 family.
Contains 2 EF-hand domains.

細胞内局在

Cytoplasm. Nucleus.

画像



DTT reduced SDS-PAGE analysis of ab200489 with staining overnight with Coomassie Blue.

DTT-reduced protein migrates as 11 kDa in SDS-PAGE .

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

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