

Recombinant Human S100 Calcium Binding Protein A13/S100A13 ab105573

画像数 1

製品の詳細

製品名	Recombinant Human S100 Calcium Binding Protein A13/S100A13
精製度	> 95 % SDS-PAGE. ab105573 was purified using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	<u>Q99584</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMAAEPLTELEESIETVVTTF FTFARQEGRK DSL SVNEFKELVTQQLPHLLKDVGSLDEKMKSLDVNQDSELK FNEYWRLI GELAKEIRKKKDLKIRKK
予測される分子量	14 kDa including tags
領域	1 to 98
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab105573** 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	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	This product was previously labelled as S100 Calcium Binding Protein A13

別処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

関連情報

機能

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.

組織特異性

Expressed in heart and skeletal muscle.

配列類似性

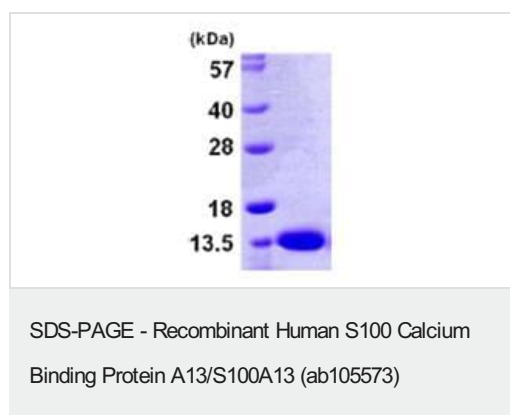
Belongs to the S-100 family.

Contains 2 EF-hand domains.

細胞内局在

Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions.

画像



15% SDS-PAGE analysis of ab105573 (3ug)

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

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