

Datasheet for ABIN7551675 S100A13 Protein (AA 1-98) (His tag)



Overview

Quantity:	1 mg
Target:	S100A13
Protein Characteristics:	AA 1-98
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A13 protein is labelled with His tag.

Product Details

Product Details	
Purpose:	Custom-made recombinant S100A13 Protein expressed in mammalian cells.
Sequence:	MAAEPLTELE ESIETVVTTF FTFARQEGRK DSLSVNEFKE LVTQQLPHLL KDVGSLDEKM
	KSLDVNQDSE LKFNEYWRLI GELAKEIRKK KDLKIRKK Sequence without tag. The proposed
	Purification-Tag is based on experiences with the expression system, a different complexity
	of the protein could make another tag necessary. In case you have a special request, please
	contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different
	isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:
	Made to order protein - from design to production - by highly experienced protein experts.
	Protein expressed in mammalian cells and purified in one-step affinity chromatography
	 The optimized expression system ensures reliability for intracellular, secreted and
	transmembrane proteins.

experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering made proteins from other companies is that there is no financial obligation in case to cannot be expressed or purified. Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical Scrade: custom-made Target Details Target: \$100A13 (\$100A13 Products) Background: Protein \$100-A13 (\$100 calcium-binding protein A13),FUNCTION: Plays a role in the proteins that lack a signal peptide and are secreted by an alternative pathway. Binds calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not with calcium binding. Required for the copper-dependent stress-induced export of IL FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, vesicles containing phosphatidylcholine (By similarity). (ECO.0000250)(UniProtKB.P9' ECO:0000269)(PubMed:12746488, ECO:0000269)(PubMed:20863990). Molecular Weight: 11.5 kDa UniProt: Q99584 Pathways: \$100 Proteins		
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Restrictions: For Research Use only		functional studies yet we cannot offer a guarantee though.
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months