

Datasheet for ABIN7546048
SGTB Protein (AA 1-304) (His tag)



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Overview

Quantity:	1 mg
Target:	SGTB
Protein Characteristics:	AA 1-304
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGTB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SGTB Protein expressed in mammalian cells.
Sequence:	<p>MSSIKHLVYA VIRFLREQSQ MDTYTSDEQE SLEVAIQCLE TVFKISPEDT HLAVSQPLTE MFTSSFCKND VLPLSNSVPE DVGKADQLKD EGNNHMKEEN YAAAVDCYTQ AIELDPNNAV YYCNRAAAQS KLGHYTDAIK DCEKAIIDS KYSKAYGRMG LALTALNKFE EAVTSYQKAL DLDPENDSYK SNLKIAEQKL REVSSPTGTG LSFDMASLIN NPAFISMAAS LMQNPQVQQL MSGMMTNAIG GPAAGVGGLT DLSSLIQAGQ QFAQQIQQQN PELIEQLRNH IRSRSFSSSA EEHS</p> <p>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.</p>
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:

Product Details

- 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.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our 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 custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SGTB
Alternative Name:	SGTB (SGTB Products)
Background:	Small glutamine-rich tetratricopeptide repeat-containing protein beta (Beta-SGT) (Small glutamine-rich protein with tetratricopeptide repeats 2),FUNCTION: Co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. {ECO:0000250}.
Molecular Weight:	33.4 kDa
UniProt:	Q96EQ0

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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