

Datasheet for ABIN7556751
SGCB Protein (AA 1-320) (His tag)



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Overview

Quantity:	1 mg
Target:	SGCB
Protein Characteristics:	AA 1-320
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGCB protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Sgcb Protein expressed in mammalien cells.
Sequence:	MAAAAAAAAA TEQQSGNGPV KKSMMREKAVE RRNVNKEHNS NFKAGYIPID EDRLHKTGLR GRKGNLAICV IVLLFILAVI NLLITLVIWA VIRIGPNGCD SMEFHESGLL RFKQVSDMGV IHPYKSTVG GRRNENLVIT GNNQPIVFQQ GTTKLSVEKN KTSITSDIGM QFFDPRTHNI LFSTDYETHE FHLPSGVKSL NVQKASTERI TSNATSDLNI KVDGRAIVRG NEGVFIMGKT IEFHMGGDVE LKAENSIILN GTVMVSPTRL PSSSSGDQSG SGDWWRYKLC MCADGTLFKV QVTGHNMGCC VSDNPCGNTH 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.
Characteristics:	Key Benefits: Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, Western Blot
Grade:	custom-made

Target Details

Target:	SGCB
Alternative Name:	Sgcb (SGCB Products)
Background:	Beta-sarcoglycan (Beta-SG) (43 kDa dystrophin-associated glycoprotein) (43DAG),FUNCTION: Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix.
Molecular Weight:	34.9 kDa
UniProt:	P82349
Pathways:	Myometrial Relaxation and Contraction , Maintenance of Protein Location

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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