

Datasheet for ABIN7557682
SNTA1 Protein (AA 1-503) (His tag)



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Overview

Quantity:	1 mg
Target:	SNTA1
Protein Characteristics:	AA 1-503
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNTA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Snta1 Protein expressed in mammalian cells.
Sequence:	MASGRRAPRT GLLLELRCGAG SGAGGERWQR VLLSLAEDAL TVSPADGEPG PEPEPAQLNG AAEPGAAPPQ LPEALLLQRR RVTVRKADAG GLGISIKGGR ENKMPILISK IFKGLAADQT EALFVGDAIL SVNGEDLSSA THDEAVQALK KTGKEVVLEV KYMKEVSPYF KNSAGGTSVG WDSPPASPLQ RQPSSPGQP RNLSEAKHVS LKMAYVSRRRC TPTDPEPRYL EICAADGQDA VFLRAKDEAS ARSWAGAIQA QIGTFIPWVK DELQALLTAT GTAGSQDIKQ IGWLTEQLPS GGTAPTLALL TEKELLYFCS LPQSREALSR PTRTAPLIAT SSAHRLVHSG PSKGSVPYDA ELSFALRTGT RHGVDTLHFS VESPQELAAW TRQLVDGCHR AAEGIQEVST ACTWNGRPCS LSVHIDKGFT LWAAEPGAAR AMLLRQPFEK LQMSSDDGTS LLFLDFGGAE GEIQLDLHSC PKTMVFIHHS FLSAKVTRLG LLA 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

Product Details

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.
- 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:

SNTA1

Alternative Name:

Snta1 ([SNTA1 Products](#))

Background:

Alpha-1-syntrophin (59 kDa dystrophin-associated protein A1 acidic component 1) (Syntrophin-1),FUNCTION: Adapter protein that binds to and probably organizes the subcellular localization of a variety of membrane proteins. May link various receptors to the actin cytoskeleton and the extracellular matrix via the dystrophin glycoprotein complex. Plays an important role in synapse formation and in the organization of UTRN and acetylcholine receptors at the neuromuscular synapse. Binds to phosphatidylinositol 4,5-bisphosphate.

Molecular Weight:

53.7 kDa

UniProt:

[Q61234](#)

Pathways:

[Synaptic Membrane, Skeletal Muscle Fiber Development](#)

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
