

Datasheet for ABIN7546071

Syntrophin gamma 1 Protein (AA 1-517) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Syntrophin gamma 1 (SNTG1)
Protein Characteristics:	AA 1-517
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syntrophin gamma 1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SNTG1 Protein expressed in mammalian cells.
Sequence:	MDFRTACEET KTGICLLQDG NQEPFKVRLH LAKDILMIQE QDVICVSGEP FYSGERTVTI RRQTVGGFGL SIKGGAEHNI PVVSKISKE QRAELSGLLF IGDAILQING INVRKCRHEE VVQVLRNAGE EVTLTVSFLK RAPAFLKLPL NEDCACAPSD QSSGTSSPLC DSGLHLNYHP NNTDTLSCSS WPTSPGLRWE KRWCDLRLIP LLHSRFSQYV PGTDLSRQNA FQVIAVDGVC TGIIQCLSAE DCVDWLQAIA TNISNLTKHN IKKINRNFPV NQQIVYMGWC EAREQDPLQD RVYSPTFLAL RGSCLYKFLA PPVTTWDWTR AEKTFVSVYEI MCKILKSDSL LDRRKQCFTV QSESGEDLYF SVELESDLAQ WERAFQTATF LEVERIQCKT YACVLESHLM GLTIDFSTGF ICFDAATKAV LWRYKFSQLK GSSDDGKSKI KFLFQNPDTK QIEAKELEFS NLFVAVLHCIH SFFAAKVAQL DPLFLGNQAT ASTAASSATT SKAKYTT 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.

Product Details

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.
- 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: Syntrophin gamma 1 (SNTG1)

Alternative Name: SNTG1 ([SNTG1 Products](#))

Background: Gamma-1-syntrophin (G1SYN) (Syntrophin-4) (SYN4),FUNCTION: Adapter protein that binds to and probably organizes the subcellular localization of a variety of proteins. May link various receptors to the actin cytoskeleton and the dystrophin glycoprotein complex (By similarity). May participate in regulating the subcellular location of diacylglycerol kinase-zeta to ensure that diacylglycerol is rapidly inactivated following receptor activation. {ECO:0000250}.

Molecular Weight: 58.0 kDa

UniProt: [Q9NSN8](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
