

Recombinant Human SNTG1 Protein (1-517 aa), His-Myc-tagged

Cat. No. SNTG1-2198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNTG1 Protein (1-517 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-517 aa
Description	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. May participate in regulating the subcellular location of diacylglycerol kinase-zeta to ensure that diacylglycerol is rapidly inactivated following receptor activation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	61.5 kDa
AA Sequence	MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSGERT VTIRRQTVGGFGLSIKGGAEHNIPVVVSKISKEQRAELSGLLFIGDAILQINGINVRKCR HEEVVQVLRNAGEEVTLTVSFLKRAPAFLKLPLNEDCACAPSDQSSGTSSPLCDSGL HLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIPLLHSRFSQYVPGTDLRSRQNA

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FQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKHNIKKINRNFPVNQQIVYMGW
 CEAREQDPLQDRVYSPTFLALRGSCLYKFLAPPVTTWDWTRAETFSVYEIMCKILK
 DSDLLDRRKQCFTVQSESGEDLYFSVELESDLAQWERAFTATFLEVERIQCKTYA
 CVLESHLMGLTIDFSTGFICFDAATKAVLWRYKFSQLKGSSDDGKSKIKFLFQNPDTK
 QIEAKELEFSNLFVLHCHHSFFAAKVACLDPLFLGNQATASTAASSATTSKAKYTT

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [SNTG1 syntrophin, gamma 1 \[Homo sapiens \]](#)

Official Symbol [SNTG1](#)

Synonyms SNTG1; syntrophin, gamma 1; gamma-1-syntrophin; G1SYN; SYN4; syntrophin 4; syntrophin-4; gamma1-syntrophin;

Gene ID [54212](#)

mRNA Refseq [NM_018967](#)

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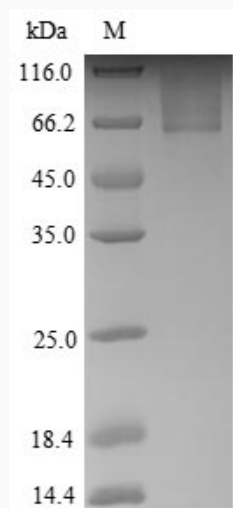
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Protein Refseq NP_061840

MIM 608714

UniProt ID Q9NSN8



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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