

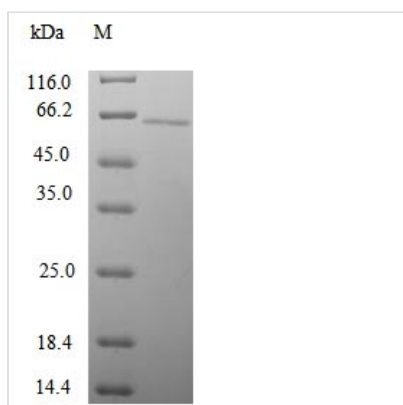


Recombinant Human Gamma-1-syntrophin (SNTG1)

Product Code	CSB-EP873648HU
Relevance	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.
Abbreviation	Recombinant Human SNTG1 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NSN8
Alias	Syntrophin-4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSG ERTVTIRRQTVGGFGLSIKGGAEHNIPVVVSKISKEQRAELSGLLFIGDAILQING INVRKCRHEEVVQVLRNAGEEVTLTVSFLKRAPAFKLPLNEDCACAPSDQSS GTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIPLLHSR FSQYVPGTDLRQNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKH NIKKINRNFPVNQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPP VTTWDWTRAETFSVYEIMCKILKDSDLLDRRKQCFTVQSESGEDLYFSVELE SDLAQWERAFTATFLEVERIQCKTYACVLESHLMGLTIDFSTGFICFDAATKA VLWRYKFSQLKGSSDDGKSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCIHSFF AAKVACLDPLFLGNQATASTAASSATTSKAKYTT
Source	E.coli
Target Names	SNTG1
Protein Names	Recommended name: Gamma-1-syntrophin Short name= G1SYNAlternative name(s): Syntrophin-4 Short name= SYN4
Expression Region	1-517aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	63.0kDa
Protein Length	Full Length



Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.