

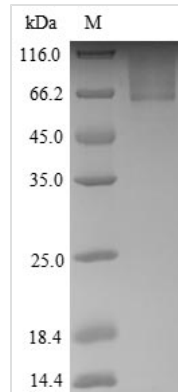


# Recombinant Human Gamma-1-syntrophin (SNTG1)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Code</b>      | CSB-YP873648HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Relevance</b>         | 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.                                                                                                                                                                                    |
| <b>Abbreviation</b>      | Recombinant Human SNTG1 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>           | 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.                                                                                                                                                                                                                                                                                       |
| <b>Uniprot No.</b>       | Q9NSN8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Alias</b>             | Syntrophin-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>          | MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSG<br>ERTVTIRRQTVGGFGLSIKGGAEHNIPVVVSKISKEQRAELSGLLFIGDAILQING<br>INVRKCRHEEVVQVLRNAGEEVTLTVSFLKRAPAFKLPLNEDCACAPSDQSS<br>GTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIPLLHSR<br>FSQYVPGTDLRQNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKH<br>NIKKINRNFPVNQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPP<br>VTTWDWTRAETFSVYEIMCKILKDSDLLDRKQCFTVQSESGEDLYFSVELE<br>SDLAQWERAFTATFLEVERIQCKTYACVLESHLMGLTIDFSTGFICFDAATKA<br>VLWRYKFSQLKGSSDDGKSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCIHSFF<br>AAKVACLDPLFLGNQATASTAASSATTSKAKYTT |
| <b>Research Area</b>     | others                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>      | SNTG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Names</b>     | Recommended name: Gamma-1-syntrophin Short name= G1SYN Alternative name(s): Syntrophin-4 Short name= SYN4                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b> | 1-517aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Tag Info</b>          | N-terminal 6xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Mol. Weight</b>       | 61.5kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |


**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.