



# Recombinant Mouse Alpha-1-syntrophin (Snta1)

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| <b>Product Code</b>      | CSB-MP730732MO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Abbreviation</b>      | Snta1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q61234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen Species</b> | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>          | MASGRRAPRT GLLELRGAG SGAGGERWQR VLLSLAEDAL<br>TVSPADGEPG PEPEPAQLNG AAEPGAAPPQ LPEALLQRR RVTVRKADAG<br>GLGISIKGGR ENKMPIISK IFKGLAADQT EALFVGDAIL SVNGEDLSSA<br>THDEAVQALK KTGKEVVLEV KYMKEVSPYF KNSAGGTSVG WDSPPASPLQ<br>RQPSSPGPQP RNLSEAKHVS LKMAYVSRRC TPTDPEPRYL EICAADGQDA<br>VFLRAKDEAS ARSWAGAIQA QIGTFIPWVK DELQALLTAT GTAGSQDIKQ<br>IGWLTEQLPS GGTAPTLALL TEKELFYCS LPQSREALSR PTRTAPLIAT<br>SSAHLRVHSG PSKGSVPYDA ELSFALRTGT RHGVDTHLFS VESPQELAAW<br>TRQLVDGCHR AAEIQEVST ACTWNGRPCS LSVHIDKGFT LWAAEPGAAR<br>AMLLRQPFKE LQMSSDDGTS LLFLDFGGAE GEIQLDLHSC PKTMVFIIHS<br>FLSAKVTRLG LLA |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Names</b>      | Snta1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Names</b>     | Recommended name: Alpha-1-syntrophin Alternative name(s): 59 kDa dystrophin-associated protein A1 acidic component 1 Syntrophin-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression Region</b> | 1-503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Details</b>    | Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. This protein is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes.                                                                                                                        |
| <b>Reconstitution</b>    | 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

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