

## Product datasheet for TP517085

### Sntg2 (NM\_172951) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description:                          | Purified recombinant protein of Mouse syntrophin, gamma 2 (Sntg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species:                              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expression cDNA Clone or AA Sequence: | >MR217085 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MSAEGSQSLAAPRGRPSHLLVPARTKTALALLYDEGLENAYDVRCLKTKEVLTIQKQDVVCIGGAPPGAN<br>HRTVTLRRQPVGGGLGLSIKGAEHGVPVVISKIFKDQAADQTEMLFIGDAVLQVNGINVENATHEEVVHL<br>LRNAGDDVTITVEYLREAPSFLKLPLGSPGPSSDHSSRASSPLFDSGLHLNGHCSHTAPSSPSSPIANEP<br>KYEKRWLDTLSVPLSMARISRYKAGTEKLRSSALEVLALDGASTGVLQFSTAQDCADWLRISISTNISDLT<br>LQHMKMANCCSPCDQVHMGWVNERLQGADNSQNFPRKFLALRGSSFYIFGAPPVSTLDWGRAERA<br>YNL<br>CEVLFKVHKFWLSDNYWLQANLYLGLQDFDCEDPRSYCFSVLANHGKSHIFSVELGSELAVWEKAFQRAT<br>FMEVQRTGSKTYLCSWQGETLCFTVDFALGFTCFDGKTKNVLWRFKFSQLKGSSDDGKTRVKLLFQNLDT<br>KQIETKELEFQDLTAVLHCIHSFIAAKVASLDPVFMDSQSMARRYLCSS<br><br><span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-MYC/DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Predicted MW:                         | 59.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage:                              | Store at -80°C after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |


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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RefSeq:       | <u><a href="#">NP_766539</a></u>                                                                                                                                                                                                                         |
| Locus ID:     | 268534                                                                                                                                                                                                                                                   |
| UniProt ID:   | <u><a href="#">Q925E0</a></u>                                                                                                                                                                                                                            |
| RefSeq Size:  | 2337                                                                                                                                                                                                                                                     |
| Cytogenetics: | 12 A2                                                                                                                                                                                                                                                    |
| RefSeq ORF:   | 1617                                                                                                                                                                                                                                                     |
| Synonyms:     | 2210008K22Rik; 9530013L23; BB121248; G2syn; Syn5                                                                                                                                                                                                         |
| Summary:      | 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).[UniProtKB/Swiss-Prot Function] |