

## Product datasheet for TP506790

### Syt13 (NM\_030725) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Description:                          | Purified recombinant protein of Mouse synaptotagmin XIII (Syt13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species:                              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | >MR206790 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MVLSVPVIALGATLGTATSILALCGVTCRCRHMHPKKGLLPDRDPDEKARPGVLQAAQQFNIKKSTEP<br>VQPRPLLKFPDIYGPRPAVTAPEVINYADYLETTEESAAPASPQAQSDSRLKRQVTEELSIRPQNGWE<br>DVCVMETWNPEKAASWNQAPKLHFRLDYDQKKAELFVTSLEAVTSDHEGGCDCYIQGSVAVKTGSVEAQ<br>T<br>ALKKRQLHTTWEEGLALPLGEEELPTATLTTLRTCDRFSRHSVIGELRLGLDGASVPLGAAQWGELKTT<br>AKEPSAGAGEVLLSISYLPANRLLVLIKAKNLHSNQSKELLGKDVSVKVTLKHQAKLKKKQTKRAKH<br>KINPVWNEMIMFELPDDLLRASSVELEVLGQGEEGPSCELGHCSLGLHASGSERSHWEEMLNPRRQIA<br>M<br>WHQLHL<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted MW:                         | 46.9 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>NP_109650</u>                                                                                    |
| Locus ID:     | 80976                                                                                               |
| UniProt ID:   | <u>Q9EQT6</u>                                                                                       |
| RefSeq Size:  | 3751                                                                                                |
| Cytogenetics: | 2 E1                                                                                                |
| RefSeq ORF:   | 1278                                                                                                |
| Synonyms:     | 5730409J20Rik; AI549909; mKIAA1427                                                                  |
| Summary:      | May be involved in transport vesicle docking to the plasma membrane.[UniProtKB/Swiss-Prot Function] |