

## Product datasheet for TP505837

### Tpst2 (NM\_009419) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse protein-tyrosine sulfotransferase 2 (Tpst2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR205837 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|                                       | <p>MRLSVRKVLLAAGCALALVLAVQLGQQVLECRVLGGTRNPRRMRPEQEELVMLGADHVEYRYGKAMPLI<br/>FVGGVPRSGTTLMRAMLDHPEVRCGEETRIIPRVLAMRQAWTKSGREKLRLDEAGVTDEVLDAAMQAFI<br/>LEVIAKHGEPARVLCNKDPFTLKSSVYLARLFPNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDCL<br/>TKWNKAIEVMYAQCMEVGRDKCLPVYQEQLVHPRRSLKRILDFLGIAWSDTVHEDLIGKPGGVSLSK<br/>IERSTDQVIKPVNLEALSKWTGHIPRDVVRDMAQIAPMLARLGYDPYANPPNYGNPDPIVINNTHRVLKG<br/>DYKTPANLKGYFQVNQNSTSPHLGSS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-MYC/DDK   |
| Predicted MW:                         | 42.1 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.   |
| RefSeq:                               | <a href="#">NP_033445</a>   |
| Locus ID:                             | 22022   |
| UniProt ID:                           | <a href="#">Q88856</a> , <a href="#">Q3TQN1</a>   |



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|               |   |
|---------------|---|
| RefSeq Size:  | 1830  |
| Cytogenetics: | 5 54.65 cM  |
| RefSeq ORF:   | 1131  |
| Synonyms:     | AI448750; D5Ucla3; grm; grt; Tango13b   |
| Summary:      | Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides, using 3'-phosphoadenylyl sulfate (PAPS) as cosubstrate.[UniProtKB/Swiss-Prot Function] |