

## Product datasheet for TP503603

### Tmem189 (NM\_145538) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transmembrane protein 189 (Tmem189), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203603 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MAGAEDAPGRQPELDEDETAEGRRWGAQHAGARELAALYSPGKRFQEWCSVILCFSLIAHNLVHLLLLAR WEHTPLVILGVVAGALVADFLSGLVHWGADTWGSVDLPVIGKAFIRPFREHHIDPTAIRHDFIETNGDN CLVTLLPLLNMAYKFRTQSPETLEQLYPWECFVFLTIFGTFTNQIHKWSHTYLGLPYWVTVLQDWHVIL PRKHHRIHHVAPHETYFCITTGWLNYPLEVIGFWRRLEDLIQGLTGEKPRADDMKWAQKIK  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-MYC/DDK
Predicted MW:	31.1 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_663513</a>
Locus ID:	407243
UniProt ID:	<a href="#">Q99LQ7</a>
RefSeq Size:	1700


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<b>Cytogenetics:</b>	2 H3
<b>RefSeq ORF:</b>	813
<b>Synonyms:</b>	AI840826; Kua
<b>Summary:</b>	Plasmanylethanolamine desaturase involved in plasmalogen biogenesis in the endoplasmic reticulum membrane. Plasmalogens are glycerophospholipids with a hydrocarbon chain linked by a vinyl ether bond at the glycerol sn-1 position, and are involved in antioxidative and signaling mechanisms.[UniProtKB/Swiss-Prot Function]