

## Product datasheet for **TP500966**

### Tomm20 (NM\_024214) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse translocase of outer mitochondrial membrane 20 (Tomm20), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200966 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVGRNSAIAAGVCGALFIGYCIYFDRKRRSDPNFKNRLRERRKKQKLAKERAGLSKLPDLKDAAEVQKFF LEEIQLGEELLAQGDYEKGV DHLTNAIACGQPQQLLQVLQQTLP PPVFQMLLTKLPTISQRIVSAQSLA EDDVE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	16.3 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:	<u><a href="#">NP_077176</a></u>
Locus ID:	67952
UniProt ID:	<u><a href="#">Q9DCC8</a></u> , <u><a href="#">Q4KL41</a></u>
RefSeq Size:	4986
Cytogenetics:	8 E2



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RefSeq ORF: 438

Synonyms: 1810060K07Rik; BB284719; Gm19268; MAS20; mKIAA0016; MOM19; TOM20

**Summary:** Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.[UniProtKB/Swiss-Prot Function]