

Product datasheet for **TP502343**

Tmed9 (BC004691) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transmembrane emp24 protein transport domain containing 9 (cDNA clone MGC:7860 IMAGE:3501295), complete, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202343 protein sequence Red =Cloning site Green =Tags(s)
	MRAFLLLLWLAARGSAFYFHIGETEKKCFIEEIPDETMVIGNYRTQLYDKQREEYQPATPGLGMFVEVKD PEDKILARQYGSEGRFTFTSHTPGHQICLHNSNFKFSLFAGGMLRVHLDIQVGEHANDYAEIAAKDKL SELQLRVRQLVEQVEQIQKEQNYQRWREERFRQTSESTNQRVLWWSVLQTLILLAIGVCQMRHLKSFEEA KKLV
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25 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.
Locus ID:	67511
UniProt ID:	Q99KF1
RefSeq Size:	1405



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Cytogenetics: 13 B1

RefSeq ORF: 642

Synonyms: 2400003B06Rik

Summary: Appears to be involved in vesicular protein trafficking, mainly in the early secretory pathway. In COPI vesicle-mediated retrograde transport involved in the coatomer recruitment to membranes of the early secretory pathway. Increases coatomer-dependent activity of ARFGAP2. Thought to play a crucial role in the specific retention of p24 complexes in cis-Golgi membranes; specifically contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network. May be involved in organization of intracellular membranes, such as of the ER-Golgi intermediate compartment and the Golgi apparatus. Involved in ER localization of PTPN2 (By similarity).[UniProtKB/Swiss-Prot Function]