

Recombinant Mouse Tmed9 Protein, Myc/DDK-tagged

Cat. No. Tmed9-6464M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transmembrane emp24 protein transport domain containing 9 (cDNA clone MGC:7860 IMAGE:3501295), complete, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	25 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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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Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
GENE INFORMATION	
Gene Name	Tmed9 transmembrane p24 trafficking protein 9 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Tmed9
Synonyms	Tmed9; transmembrane p24 trafficking protein 9; p24a; 2400003B06Rik; transmembrane emp24 domain-containing protein 9; glycoprotein 25L2; p24 family protein alpha-2; p24alpha2; transmembrane emp24 protein transport domain containing 9
Gene ID	67511
mRNA Refseq	NM_026211
Protein Refseq	NP_080487
UniProt ID	Q99KF1

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