

Recombinant Human TMED9 Protein (40-197 aa), GST-tagged

Cat. No. TMED9-1208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMED9 Protein (40-197 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	40-197 aa
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 mbranes 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 mbranes; specifically contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network. May be involved in organization of intracellular mbranes, such as of the ER-Golgi intermediate compartment and the Golgi apparatus. Involved in ER localization of PTPN2 isoform PTPB.
Form	Tris-based buffer,50% glycerol
Molecular Mass	45.5 kDa
AA Sequence	FHIGETEKKCFIEEIPDETMVIGNYRTQLYDKQREEYQPATPGLGMFVEVKDPEDKVI

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	LARQYGSEGRFTFTSHTPGEHQICLHSNSTKFSLFAGGMLRVHLDIQVGEHANDYA EIAAKDKLSELQLRVRQLVEQVEQIQKEQNYQRWREERFRQTSE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

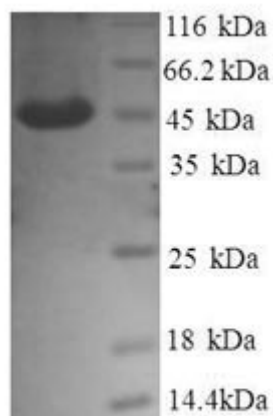
GENE INFORMATION

Gene Name	TMED9 transmembrane p24 trafficking protein 9 [Homo sapiens (human)]
Official Symbol	TMED9
Synonyms	p25; GMP25; p24a2; HSGP25L2G; p24alpha2;
Gene ID	54732
mRNA Refseq	NM_017510
Protein Refseq	NP_059980
UniProt ID	Q9BVK6

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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