

Recombinant Human TMED4 protein(Met1-Arg194), His-tagged

Cat. No. TMED4-3298H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMED4 (Q7Z7H5-1) (Met1-Arg194) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg194
Form	Lyophilized from sterile PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human TMED4 consists of 176 amino acids and predicts a molecular mass of 20.7 KDa. It migrates as an approximately 23 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TMED4 transmembrane emp24 protein transport domain containing 4 [Homo sapiens]
Official Symbol	TMED4
Synonyms	TMED4; transmembrane emp24 protein transport domain containing 4; transmembrane emp24 domain-containing protein 4; HNLF; GMP25iso; p24alpha3; p24 family protein alpha-3; putative NFkB activating protein HNLF; putative NF-kappa-B-activating protein 156; endoplasmic reticulum stress-response protein 25 kDa; ERS25;
Gene ID	222068
mRNA Refseq	NM_182547
Protein Refseq	NP_872353
MIM	612038
UniProt ID	Q7Z7H5

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