

## Recombinant Human TMED4, His tagged

Cat. No. TMED4-208H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TMED4 (Q7Z7H5-1) (Met1-Arg194), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-194 a.a.
<b>Predicted N Terminal</b>	Leu 30
<b>Form</b>	Lyophilized from sterile PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	TMED4 transmembrane emp24 protein transport domain containing 4 [ Homo sapiens ]
<b>Official Symbol</b>	TMED4
<b>Gene ID</b>	222068
<b>mRNA Refseq</b>	NM_182547
<b>Protein Refseq</b>	NP_872353
<b>MIM</b>	612038
<b>UniProt ID</b>	Q7Z7H5
<b>Chromosome Location</b>	7p13

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