

Recombinant Human TMX1 protein, GST-tagged

Cat. No. TMX1-301370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMX1 (202-280 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val202-Ser280
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	VADCLCPSKRRRPQYPYPSKKLLSESAQPLKKVEEEQEAD EEDVSEEEAESKEGT NKDFPQNAIRQRSLGPSLATDKS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	TMX1 thioredoxin-related transmembrane protein 1 [Homo sapiens]
Official Symbol	TMX1
Synonyms	TMX1; thioredoxin-related transmembrane protein 1; thioredoxin domain containing , thioredoxin domain containing 1 , thioredoxin domain containing , TXNDC, TXNDC1; PDIA11; protein disulfide isomerase family A; member 11; thioredoxin related transmembrane protein; TMX; thioredoxin domain containing 1; transmembrane Trx-related protein; thioredoxin domain-containing protein 1; protein disulfide isomerase family A, member 11; TXNDC; TXNDC1; DKFZp564E1962;
Gene ID	81542
mRNA Refseq	NM_030755
Protein Refseq	NP_110382
MIM	610527
UniProt ID	Q9H3N1

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