

Recombinant Human TMX3

Catalog No: #GP13521



Package Size: #GP13521-1 100ug

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Description

Product Name	Recombinant Human TMX3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 27-195 amino acids of human TMX3
Target Name	thioredoxin related transmembrane protein 3
Other Names	PDIA13; TXNDC10
Accession No.	Swissprot:Q96JJ7Gene Accession:BC032325
Uniprot	Q96JJ7
GeneID	54495;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The canonical protein encoded by this gene has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, one transmembrane domain and a C-terminal ER-retention sequence. This gene is expressed in many tissues but has its highest expression in heart and skeletal muscle. It is expressed in the retinal neuroepithelium and lens epithelium in the developing murine eye and haploinsufficiency of this gene in humans and zebrafish is associated with microphthalmia. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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