TXNL1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	TXNL1, Blocking Peptide
Full Product Name	TXNL1 Blocking Peptide
Product Gene Name	TXNL1 blocking peptide
Product Synonym Names	32 kDa thioredoxin related protein; 32 kDa thioredoxin-related protein; Thioredoxin like 1; Thioredoxin like 32kD; Thioredoxin like 32kDa; Thioredoxin like protein 1; Thioredoxin related 32 kDa protein; Thioredoxin-like protein 1; TRP 32; TRP32; TRxL; TXL
Antibody/Peptide Pairs	TXNL1 peptide (MBS9631986) is used for blocking the activity of TXNL1 antibody (MBS9629603)
Molecular Weight	289
OMIM	603049
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TXNL1 blocking peptide	MBS9631986 is a blocking peptide targeting TXNL1.
Other Notes	Small volumes of TXNL1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TXNL1. It may not necessarily be applicable to this product.

NCBI GI #	18202039
NCBI GeneID	9352
NCBI Accession #	O43396.3
UniProt Primary Accession #	O43396
UniProt Related Accession #	O43396
NCBI Official Full Name	Thioredoxin-like protein 1
NCBI Official Synonym Full Names	thioredoxin-like 1
NCBI Official Symbol	TXNL1
NCBI Official Synonym Symbols	Txl; TXNL; TRP32; TXL-1; HEL-S-114
UniProt Protein Name	Thioredoxin-like protein 1
UniProt Synonym Protein Names	32 kDa thioredoxin-related protein
Protein Family	Thioredoxin-like protein
UniProt Gene Name	TXNL1
UniProt Synonym Gene Names	TRP32; TXL; TXNL

UniProt Entry Name	TXNL1_HUMAN
NCBI Protein Information	thioredoxin-like protein 1; thioredoxin-related protein 1; 32 kDa thioredoxin-related protein; thioredoxin-related 32 kDa protein; epididymis secretory protein Li 114
UniProt Comments for TXNL1	TXNL1: a thiol reductase and novel subunit of the proteasome 19S particle. Interconverts reduced sulfide groups and oxidized disulfide bonds in a substrate. Protein type: Oxidoreductase Chromosomal Location of Human Ortholog: 18q21.31 Cellular Component: proteasome complex; cytoplasm; nucleus Molecular Function: disulfide oxidoreductase activity; protein disulfide oxidoreductase activity Biological Process: cell redox homeostasis; glycerol ether metabolic process
Research Articles on TXNL1	**1.** TXNL1-XRCC1 is a novel regulatory pathway that has an independent role in cisplatin resistance, indicating a putative drug target for reversing cisplatin resistance in gastric cancer.
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