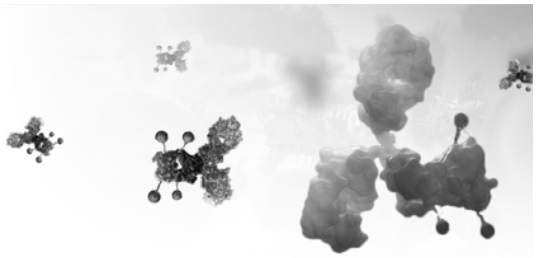

Human TXNDC5 blocking peptide (CDBP1126)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-EndoPDI/TXNDC5 antibody
Antigen Description	This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene. [provided by RefSeq, Dec 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TXNDC5 thioredoxin domain containing 5 (endoplasmic reticulum) [Homo sapiens]
Official Symbol	TXNDC5
Synonyms	TXNDC5; thioredoxin domain containing 5 (endoplasmic reticulum); thioredoxin domain containing 5; thioredoxin domain-containing protein 5; EndoPDI; ERp46; FLJ21353; FLJ90810; Hcc 2; MGC3178; PDIA15; protein disulfide isomerase family A; member 15; ER protein 46; thioredoxin related protein; thioredoxin-like protein p46; endoplasmic reticulum protein ERp46;

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	endothelial protein disulphide isomerase; endoplasmic reticulum resident protein 46; protein disulfide isomerase family A, member 15; ERP46; HCC-2; STRF8; UNQ364; ENDOPDI; FLJ21789;
Entrez Gene ID	81567
mRNA Refseq	NM_001145549
Protein Refseq	NP_001139021
UniProt ID	Q8NBS9
Chromosome Location	6p24.3
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	electron carrier activity; isomerase activity; protein disulfide oxidoreductase activity;

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