

Product datasheet for **KN206187LP**

TXNDC (TMX1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	TXNDC
Locus ID:	81542
Components:	KN206187G1 , TXNDC gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN206187G2 , TXNDC gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN206187LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_030755
UniProt ID:	Q9H3N1
Synonyms:	PDIA11; TMX; TXNDC; TXNDC1
Summary:	<p>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 encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and one transmembrane domain. Unlike most members of this gene family, it lacks a C-terminal ER-retention sequence. The mature membrane-bound protein can both oxidize and reduce disulfide bonds and acts selectively on membrane-associated polypeptides. [provided by RefSeq, Jan 2017]</p>



[View online »](#)

Product images:

