

Recombinant Mouse TXNDC12 Protein (25-170 aa), His-tagged

Cat. No. TXNDC12-1870M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TXNDC12 Protein (25-170 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	E.coli
ProteinLength	25-170 aa
Description	Possesses significant protein thiol-disulfide oxidase activity.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	20.5 kDa
AA Sequence	RTGLGKGFGDHIHWRTLEDGKKEAAASGLPLMVIIHKSWCGACKALKPKFAESTEIS ELSHNFVMVNLEDEEEPRDEDFSPDGGYIPRILFLDPSGKVRPEIINESGNPSYKYFY VSAEQVVQGMKEAQRLTGDAFREKHFQDEL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Txndc12 thioredoxin domain containing 12 (endoplasmic reticulum) [Mus musculus]

Official Symbol TXNDC12

Synonyms TXNDC12; ER protein 19; ERp16; ERp19; 0610040B21Rik;

Gene ID 66073

mRNA Refseq NM_025334

Protein Refseq NP_079610

UniProt ID Q9CQU0

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