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Product datasheet for TP727162

TXNDC15 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Thioredoxin Domain-Containing Protein 15/TXNDC15 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val33-Ser321
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Thioredoxin Domain-Containing Protein 15 is produced by our Mammalian expression system and the target gene encoding Val33-Ser321 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	79770
UniProt ID:	Q96J42
Synonyms:	Thioredoxin domain-containing protein 15;C5orf14;UNQ335/PRO534
Summary:	Thioredoxin domain-containing protein 15(TXNDC15) is a single-pass type I membrane protein. Mature Human TXNDC15 consists of a 289 amino acid (aa) extracellular region (ECD) with one thioredoxin domain, a 21 aa transmembrane domain, and a 18 aa cytoplasmic region. It has 2 isoforms produced by alternative splicing. Thioredoxins comprise a family of small proteins that, by catalyzing the oxidation of disulfide bonds, participate in redox reactions throughout the cell. Proteins that contain thioredoxin domains do not necessarily convey the oxidative properties of thioredoxins, but generally function as disulfide isomerases that enzymatically rearrange disulfide bonds found in various proteins.
Protein Families:	Druggable Genome, Transmembrane

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