Datasheet for ABIN7319078

TXNDC15 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	TXNDC15
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNDC15 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TXNDC15 Protein (His Tag)
Sequence:	Val33-Ser321
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TXNDC15
Alternative Name:	TXNDC15 (TXNDC15 Products)
Background:	Background: 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

Target Details

	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. Synonym: Thioredoxin domain-containing protein 15,C5orf14,UNQ335/PRO534
Molecular Weight:	32.5 kDa
UniProt:	Q96J42

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.