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Datasheet for ABIN1945426  
**TXNDC15 Protein (AA 33-321) (His tag)**

Overview

Quantity:	50 µg
Target:	TXNDC15
Protein Characteristics:	AA 33-321
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNDC15 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Thioredoxin Domain-Containing Protein 15/TXNDC15 (C-6His)
Sequence:	VEVAEESGRL WSEEQPAHPL QVGAVYLGEE ELLHDPMGQD RAAEEANAVL GLDTQGDHMV MLSVIPGEAE DKVSSEPSGV TCGAGGAEDS RCNVRESLFS LDGAGAHFPD REEEYYTEPE VAESDAAPTE DSNNTESLKS PKVNCEERNI TGLENFTLKI LNMSQDLMDL LNPNGSDCTL VLFYTPWCRF SASLAPHFNS LPRAF PALHF LALDASQHSS LSTRFGTVAV PNILLFQGAK PMARFNHTDR TLETLKIFIF NQTGIEAKKN VVVTQADQIG PLPSTLIKSV DHHHHHHH
Characteristics:	Recombinant Human Thioredoxin domain-containing protein 15/TXNDC15 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (AA 33-321) of Human TXNDC15 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	TXNDC15
Alternative Name:	TXNDC15 ( <a href="#">TXNDC15 Products</a> )
Background:	TXNDC15, which is short for oreodoxin domain-containing protein 15, is encoded by FAM172A gene. It is also known as C5orf14. TXNDC15 is a 360 aa. protein, and has 2 isoforms produced by alternative splicing. There is a natural variant location which is S248P and it has a 18 aa. signal peptide. TXNDC15 contains 1 thioredoxin domain. This protein is a Single-pass type I membrane protein and locates at membrane.
Molecular Weight:	32.5 kDa
UniProt:	<a href="#">Q96J42</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	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.