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Datasheet for ABIN7319077 **TXNDC12 Protein (His tag)**

Purity:

Endotoxin Level:



Overview	
Quantity:	50 µg
Target:	TXNDC12
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNDC12 protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human TXNDC12/ERp18 Protein (His Tag)
Sequence:	His27-Leu168
Characteristics:	Recombinant Human Thioredoxin Domain-Containing Protein 12 is produced by our

Mammalian expression system and the target gene encoding His27-Leu168 is expressed with a

Target Details	
Target:	TXNDC12
Alternative Name:	TXNDC12/ERp18 (TXNDC12 Products)
Background:	Background: Thioredoxin Domain-Containing Protein 12 belongs to the thioredoxin superfamily.
	In this family, proteins possess a thioredoxin fold with a consensus active-site sequence (CxxC)

6His tag at the C-terminus.

> 95 % as determined by reducing SDS-PAGE.

< 1.0 EU per μ g as determined by the LAL method.

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Target Details

	and have roles in redox regulation, defense against oxidative stress, refolding of disulfide- containing proteins, and regulation of transcription factors. TXNDC12 is widely expressed in many tissues and contains one thioredoxin domain. Synonym: Thioredoxin Domain-Containing Protein 12, Endoplasmic Reticulum Resident Protein 18, ER Protein 18, ERp18, Endoplasmic Reticulum Resident Protein 19, ER Protein 19, ERp19, Thioredoxin-Like Protein p19, hTLP19, TXNDC12, TLP19
Molecular Weight:	17.0 kDa
UniProt:	095881
Pathways:	Cell RedoxHomeostasis
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, 10 % Glycerol, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.