

## Recombinant Human TXNDC12/ERp18 Protein (His Tag)

**Catalog Number:** PKSH033106

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

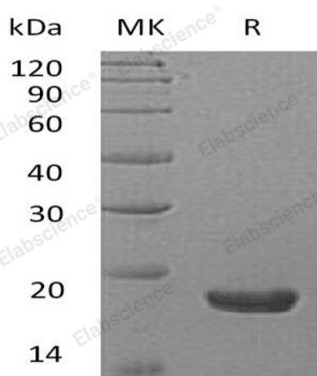
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human TXNDC12;ERp18 protein His27-Leu168, with an C-terminal His
<b>Calculated MW</b>	17.0 kDa
<b>Observed MW</b>	18 kDa
<b>Accession</b>	O95881
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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) 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.

### For Research Use Only

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