

Recombinant Human TXNDC12/Erp18 Protein (His Tag)



Catalog Number:PKSH033106

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

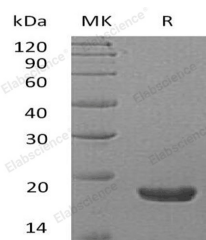
Description

Synonyms	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
Species	Human
Expression Host	HEK293 Cells
Sequence	His27-Leu168
Accession	O95881
Calculated Molecular Weight	17.0 kDa
Observed molecular weight	18 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	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.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.
Reconstitution	Not Applicable

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.

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