

Product datasheet for **TP727966**

TXNDC4 (ERP44) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ER Resident Protein 44/ERp44/TXNDC4 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu30-Asp402
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris HCl, 10% Glycerol, pH 7.5.
Note:	Recombinant Human ER resident protein 44 is produced by our Mammalian expression system and the target gene encoding Glu30-Asp402 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	23071
UniProt ID:	Q9BS26
Synonyms:	Thioredoxin domain-containing protein 4; ER protein 44; KIAA0573; TXNDC4
Summary:	Endoplasmic reticulum resident protein 44 (TXNDC4) is a 406 amino acid protein that contains one thioredoxin domain. TXNDC4 mediates thiol-dependent retention in the early secretory pathway and forms mixed disulfides with substrate proteins through its conserved CRFS motif. It can inhibit the calcium channel activity of ITPR1. It may have a role in the control of oxidative protein folding in the endoplasmic reticulum.
Protein Families:	Druggable Genome



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