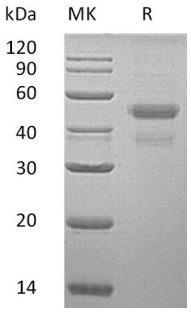
Product Name: Recombinant Human ERp44 (C-6His)
Catalog #: PHH0570

Summary

Name	Endoplasmic reticulum resident protein 44/ERP44/TXNDC4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9BS26
Host	Human Cells
Species	Human
Predicted Molecular Mass	44.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Thioredoxin domain-containing protein 4; ER protein 44; KIAA0573; TXNDC4
Background	Endoplasmic reticulum resident protein 44 (TXNDC4) is 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.

Note

For Research Use Only , Not for Diagnostic Use.