

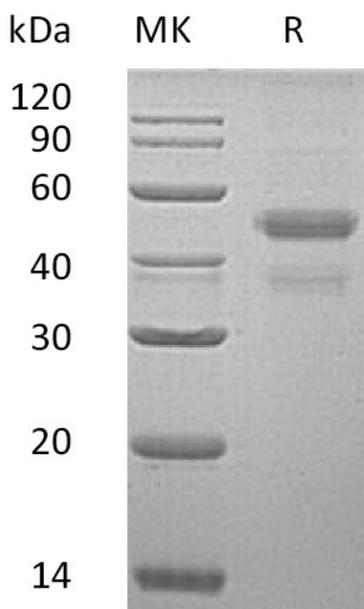
**Product Name: Recombinant Human ERp44 (C-6His)**  
**Catalog #: PHH0570**



## Summary

<b>Name</b>	Endoplasmic reticulum resident protein 44/ERP44/TXNDC4
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	Q9BS26
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	44.2 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## SDS-PAGE image



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### **Alternative Names**

Thioredoxin domain-containing protein 4; ER protein 44; KIAA0573; TXNDC4

### **Background**

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.

### **Note**

For Research Use Only , Not for Diagnostic Use.