

32-7982: Recombinant Human ER Resident Protein 44/ERp44/TXNDC4 (C-6His)(Discontinued)

Gene : ERP44
Gene ID : 23071
Uniprot ID : Q9BS26

Description

Source: Human Cells.
MW :44.2kD.

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. 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.

Product Info

Amount : 6His) / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM Tris HCl, 10% glycerol, pH 7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : EITSLDTENIDEILNNADVALVNFYADWCRFSQMLHPFEEASDVIKEEFPNENQVVFARVDCDQHSDIAQRYRI
SKYPTLKLFRNGMMMKREYRGQSVKALADYIRQQKSDPIQEIRD LAEITTLDRSKRNIIGYFEQKSDNYRVFE
RVANILHDDCAFLSAFGDVSKPERYSGDNIIYKPPGHSAPDMVYLGAMTNFDVTYNWIQDKCVPLVREITFENG
EELTEEGLPFLILFHMKEDTESLEIFQNEVARQLISEKGTINFLHADCDKFRHPLLHIQKTPADCPVIAIDSRHMY
VFGDFKDVLPGLKQFVFDLHSGKLHREFHHGPDPTDTAPGEQAQDVASSPPESSFQKLAPSEYRYTLLRDVD
HHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.