

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

ERP44, 30-406aa, Human, His tag, E.coli

产品货号: TP02047

第三版

别名: Endoplasmic reticulum protein 44, PDIA10, TXNDC4, ER protein 44

描述: ERP44 is a novel endoplasmic reticulum chaperone involved in thiol-dependent retention of the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. The protein inhibits the calcium channel activity of ITPR1. This protein may have a role in the control of oxidative protein folding in the endoplasmic reticulum.

配方: Liquid. In 20 mM Tris-HCl (pH 7.5) containing 10% Glycerol

分子量: 48.0 kDa(415aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWAGSMEITSLDTENIDEILNNADVALVNFYADWCRFSQMLHP
IFEEASDVIKEEFPNENQVVFARVDCDQHS DIAQRYRISKYPTLKLFRNGMMM KREYRGQRSVKALADYIRQQKSDPIQEI
RDLAEITTLDRSKRNIIGYFEQKDSNYRVFERVANILHDDCAFLSAFGDVSKPERYSGDNIIYKPPGHSAPDMVYLGAMT
NFDVTYNWIQDKCVPLVREITFENGEELTEGLPFLILFHMKEDTESLEIFQNEVARQLISEKGTINFLHADCDKFRHPLLHI
QKTPADCPVIAIDSFRHMYVFGDFKDVLPGLKQFVFDLHSGKLRHFH HGPDPDTAPGEQAQDVASSPPESSFQKLAP
SEYRYTLLRDRDEL

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.