

Endoplasmic Reticulum Protein 44 Human Recombinant

Item Number	rAP-3222
Synonyms	PDIA10, TXNDC4, ER protein 44.
Description	ERP44 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (30-406 a.a.) and having a molecular mass of 48 kDa. The ERP44 is fused to a 38 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BS26
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMEI TSLDTENIDE ILNNADVALV NFIYADWCRFS QMLHPIFEEA SDVIKEEFPNENQVVFARVD CDQHS DIAQR YRISKYPTLK LFRNGMMMCK EYRGQRSVKA LADYIRQQKS DPIQEIRDLA EITTLDRSKR NIIGYFEQKSDNYRVFERV ANILHDDCAF LSAFGDVSKP ERYSGDNIIY KPPGHSAPDM VYLGAMTNFD VTYNWIQDKC VPLVREIT- FE NGEELTEEGLPFLILFHMKE DTSLEIFQN EVARQLISEK GTINFLHADC DKFRHPLLHI QKTPADCPVI AIDSRHMYV FGDFKDVLP GKLKQFVFDLHSGKLHREFH HGPDPDTAP GEQAQDVASS PPES-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	1mg/ml solution containing 20mM Tris-HCl pH-7.5 & 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**