

32-3763: ERP27 Recombinant Protein

Alternative Name : Endoplasmic reticulum resident protein 27,ER protein 27,ERp27,ERP27,PDIA8,C12orf46,FLJ32115.

Description

Source : Escherichia Coli. ERP27 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 269 amino acids (26-273 a.a.) and having a molecular mass of 30kDa. The ERP27 is purified by proprietary chromatographic techniques. Endoplasmic reticulum protein 27kDa (ERP27) is a widely expressed protein which localizes to the ER and may act as a protease, protein disulfide isomerase, thiol-disulfide oxidase or phospholipase. ERP27 doesn't contain a CXXC active site motif indicating that it is a catalytically redox-inactive member of the protein disulfide isomerase family.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The ERP27 solution (1 mg/ml) contains 20mM Tris buffer(pH 8.0), 10% glycerol and 1mM DTT.
Storage condition :	ERP27 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MEVEKSSDGP GAAQEPTWLT DVPAAMEFIA ATEVAVIGFF QDLEIPAVPI LHSMVQKFPG VSGISTDSE VLTHYNITGN TICLFRLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL LLIMNKASPE YEENMHRYQK AAKLFQGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI YQTLDDDEWDT LPTAEVSVEH VQNFCDGFLS GKLLKENRES EGKTPKVEL.