

## Endoplasmic Reticulum Protein 27 Human Recombinant

<b>Item Number</b>	rAP-3220
<b>Synonyms</b>	Endoplasmic reticulum resident protein 27, ER protein 27, ERp27, ERP27, PDIA8, C12orf46, FLJ32115.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q96DN0
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MEVEKSSDGP GAAQEPTWLT DVPAAMEFIA ATEVAVIGFF QDLEIP-AVPI LHSMVQKFPG VSGISTDSE VLTHYNITGN TICLFRLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL LLIMNKASPE YEENMHRYQK AAKLFQGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI YQTLDDDEWDT LPTAEVSVEH VQNFCDGFLS GKLLKENRES EGKTPKVEL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks. Store, frozen at -20&deg;C for longer periods of time.&nbsp;&nbsp; For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The ERP27 solution (1mg/ml) contains 20mM Tris buffer (pH 8.0), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**