

ERP27 Human

Description: 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.

Catalog #: PRPS-053

For research use only.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MEVEKSSDGP GAAQEPTWLT
DVPAAMEFIA ATEVAVIGFF QDLEIPAVPI LHSMVQKFPV VSFGISTDSE VLTHYNITGN
TICLFRDVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL
LLIMNKASPE YEENMHRYQK AAKLFQGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI
YQTLDDDEWDT LP

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The ERP27 solution (1 mg/ml) contains 20mM Tris buffer (pH 8.0), 10% glycerol and 1mM DTT.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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