9051 Mira Mesa Blvd, #910094
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ERP27 Human

Endoplasmic Reticulum Protein 27 Human Recombinant
RCP0776

Product Overview

Name	ERP27 Human
Description	
Endoplasmic Reticulum Protein 27 Human Recombinant	
Accession (Primary)	Q96DN0
Synonyms	
Endoplasmic reticulum resident protein 27, ER protein 27, ERp27, ERP27, PDIA8, C12orf46, FLJ32115.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ERP27 solution (1mg/ml) contains 20mM Tris buffer (pH 8.0), 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M EVEKSSDGP GAAQEPTWLT DVPAAMEFIA ATEVAVIGFF QDLEIPAVPI LHSMVQKFPG VSFGISTDSE VLTHYNITGN TICLFRLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL LLIMNKASPE YEENMHRYQK AAKLFQGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI YQTLDDEWDT LPTAEVSVEH VQNFCDGFLS GKLLKENRES EGKTPKVEL.	
Precautions	
ERP27 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q96DN0)