

Mitochondrial Ribosomal Protein L1 Human Recombinant

Item Number	rAP-3646
Synonyms	BM022, L1MT, MRP-L1, 39S ribosomal protein L1, mitochondria, MRPL1.
Description	MRPL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 298 amino acids (51-325) and having a molecular mass of 33.8kDa. MRPL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BYD6
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSKKTKKGA KEKTPDEKGD EIEKIKAYPY MEGEPEDDVY LKRLYPRQIY EVEKAVHLLK KFGILDFTSP KQSVYLDLTL DMALGKKKNV EPFTSVLSLP YPFASEINKV AVFTENASEV KIAEENGAAF AGGTSLIQKI WDDEIVADFY VAVPEIMPEL NRLRKLNKK YPKLSRNSIG RDIPKMLELF KNGHEIKVDE ERENFLQTKI ATLDMSSDQI AANLQAVINE VCRHRPLNLG PFVVRAFLRS STSEGLLLKI DPLLPKEVKN EESEKEDA.
Source	E.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	The MRPL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 30% glycerol and 1mM DTT. Greater than 80% 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**