

32-4239: Recombinant Human Mitochondrial Ribosomal Protein L2

Alternative Name : 39S ribosomal protein L2,mitochondrial ,CGI-22, MRP-L14,RPML14,L2mt,MRP-L2,CGI-22.

Description

Source : Escherichia Coli. MRPL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 142 amino acids (84-202 a.a) and having a molecular mass of 15.5kDa.MRPL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and aid in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) comprised of a small 28S subunit and a large 39S subunit. Among different species, the proteins comprising the mitoribosome vary greatly in sequence, and sometimes in biochemical properties, thus preventing simple recognition by sequence homology. Mitochondrial Ribosomal Protein L2 (MRPL2) is a 39S subunit protein which is a member of the EcoL2 ribosomal protein family.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	MRPL2 protein solution (0.25mg/ml) containing 20mM Phosphate buffer (pH 8.0), 1mM EDTA, 50% glycerol and 2mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSGRDHTGR IRVHGIGGGH KQRYRMIDFL RFRPEETKSG PFEEKVIQVR YDPCRSADIA LVAGGSRKRW IATENMQAG DTILNSNHIG RMAVAAREGD AHPLGALPVG TLINNVESEP GR.