9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# MRPL2 Human

*Mitochondrial Ribosomal Protein L2 Human Recombinant*
*RCP1397*

## Product Overview

| | |
|---|---|
| Name | MRPL2 Human |
| **Description** | |
| Mitochondrial Ribosomal Protein L2 Human Recombinant | |
| Accession (Primary) | Q5T653 |
| **Synonyms** | |
| 39S ribosomal protein L2, mitochondrial , CGI-22, MRP-L14, RPML14, L2mt, MRP-L2, CGI-22. | |
| **Introduction** | |
| 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. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered clear solution. | |
| **Formulation** | |
| MRPL2 protein solution (0.25mg/ml) containing 20mM Phosphate buffer (pH 8.0), 1mM EDTA, 50% glycerol and 2mM 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 MGS GRDHTGR IRVHGIGGGH KQRYRMIDFL RFRPEETKSG PFEEKVIQVR YDPCRSADIA LVAGGSRKRW IIATENMQAG DTILNSNHIG RMAVAAREGD AHPLGALPVG TLINNVESEP GR. | |
| **Precautions** | |

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MRPL2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q5T653 )