

Mitochondrial Ribosomal Protein L48 Human Recombinant

Item Number	rAP-3648
Synonyms	Mitochondrial Ribosomal Protein L48, MRP-L48, L48MT, 39S Ribosomal Protein L48, Mitochondrial, CGI-118, HSPC290, 39S ribosomal protein L48, mitochondrial.
Description	MRPL48 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (29-212 a.a) and having a molecular mass of 23.1kDa.
Uniprot Accesion Number	Q96GC5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSGEKPIY SVGGILLSIS RPYKTKPTHG IGKYKHLIKA EEPKKKKGKV EVRAINLGTD YEYGVNLNIHL TAYDMTLAES YAQYVHNLCN SLSIKVEESY AMPTKTIEVL QLQDQGSKML LDSVLTTHER VVQISGLSAT FAEIFLEIIQ SSLPEGVRLS VKEHTEEDFK GRFKARPELE ELLAKLK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	MRPL48 protein solution (1 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85% 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 end users! This product is sold for **Research Use Only**