

Mitochondrial Ribosomal Protein S2 Human Recombinant

Item Number	rAP-4028
Synonyms	Mitochondrial ribosomal protein S2, CGI-91, MRP-S2, S2mt, 28S ribosomal protein S2, mitochondrial, MRPS2.
Description	MRPS2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 319 amino acids (1-296) and having a molecular mass of 35.6 kDa. MRPS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y399
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMATSSAA LPRILGAGAR APSRWLGFLG KATPRPARPS RRTLGSATAL MIRESEDSTD FNDKILNEPL KHSDFFNVE LFSVRSFLDA RVHLGHKAGC RHRFMEPYIF GSRLDHDIID LEQTATHLQL ALNFTAHMAY RKGILFISR NRQFSYLIEN MARDCGEYAH TRYFRGGMLT NARLLFGPTV RLPDLIIFLH TLNNIFEPHV AVRDAAKMNI PTVGIVDTNC NPCLITYPVP GNDDSP LAVH LYCRLFQTAI TRAKEKRQVQV EALYRLQGQK EPGDQGPAHP PGADMHSLSL.
Source	Escherichia 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 MRPS2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85.0% 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**