

Mitochondrial Ribosome Recycling Factor Human Recombinant

Item Number	rAP-3869
Synonyms	MRRF, MTRRF, RRF, Ribosome-recycling factor, mitochondrial, Ribosome-releasing factor, mitochondrial.
Description	MRRF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (56-262 a.a.) and having a molecular mass of 25.1kDa.MRRF is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96E11
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MATKKAKAKG KGQSQTRVNI NAALVEDIIN LEEVNEEMKS VIEALKDNFN KTLNIRTSPG SLDKIAVVTA DGKLALNQIS QISMKSPQLI LVNMAFPEC TAAAIKAIRE SGMNLNPEVE GTLIRVPIQ VTREHREMLV KLAQNTNKA KDCLRKVRTN SMNKLKSKD TVSEDTRLI EKQISQMADD TVAELDRHLA VKTKELG.
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	MRRF protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 30% glycerol and 2mM DTT. Greater than 95.0% 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**