

32-4236: Recombinant Human Mitochondrial Ribosome Recycling Factor

Alternative Name : MRFF,MTRRF,RRF,Ribosome-recycling factor,mitochondrial,Ribosome-releasing factor,mitochondrial.

Description

Source : Escherichia Coli. 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. Mitochondrial Ribosome Recycling Factor (MRRF) is a member of the RRF family. MRRF attaches to the large ribosomal subunit in the cleft which has a peptidyl transferase center. MRRF controls the release of ribosome from messenger RNA at the termination of protein biosynthesis. Also, it may intensify the efficacy of translation by recycling ribosome from one round of translation to another.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	MRRF protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 30% 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 :	MGSSHHHHH SSGLVPRGSH MATKKAKAG KGQSQTRVNI NAALVEDIIN LEEVNEEMKS VIEALKDNFN KTLNIRTSPG SLDKIADVTA DGKLALNQIS QISMKSPQLI LVNMAFPEC TAAAIKAIRES SGMNINPEVE GTLIRVPIQ VTREHREMLV KLAKQNTNKA KDSLRKVRTN SMNKLKSKD TVSEDTRLI EKQISQMADD TVAELDRHLA VKTKELG.

