

Mitochondrial Ribosomal Protein S25 Human Recombinant

Item Number	rAP-3647
Synonyms	Mitochondrial Ribosomal Protein S25, Mitochondrial 28S Ribosomal Protein S25, 28S Ribosomal Protein S25 Mitochondrial, MRP-S25, RPMS25, S25mt.
Description	MRPS25 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-173) and having a molecular mass of 22.5kDa. MRPS25 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P82663
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPMKGRF PIRRTLQYLS QGNVVFKDSV KVMTVNYNTH GELGEGARKF VFFNIPQIQQY KNPWVQIMMF KNMTPSPFLR FYLDSGEQVL VDVETKSNKE IMEHIRKILG KNEETLREEE EEKKQLSHPA NFGPRKYCLR ECICEVEGQV PCPSLVPLPK EMRGKYKAAL KADAQD
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	The MRPS25 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% 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**