

## mRNA Turnover 4 Human Recombinant

<b>Item Number</b>	rAP-3845
<b>Synonyms</b>	MRNA Turnover 4 Homolog (S. Cerevisiae), MRT4 MRNA Turnover 4 Homolog (S. Cerevisiae), 60S Acidic Ribosomal Protein PO, Chromosome 1 Open Reading Frame 33, C1orf33, MRT4, DJ657E11.4.
<b>Description</b>	MRTO4 Human Recombinant produced in E. coli is a single polypeptide chain containing 262 amino acids (1-239) and having a molecular mass of 29.9 kDa. MRTO4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9UKD2
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMPKSKRD KKVSLTKTAK KGLELKQNLI EELRKCVDTY KYLFIKSVAN MRNSKLDIR NAWKHSRMFF GKNKVMMVAL GRSPSDEYKD NLHQVSKRLR GEVGLLFTNR TKEEVNEWFT KYTEM DYARA GNKAAFTVSL DPGPLEQFPH SMEPQLRQLG LPTALKRGVV TLLSDYEVCK EGDVLTPEQA RVLKLFYEM AEFKVTIKYM WDSQSGRFQQ MGDDLPE- SAS ESTEESDSED DD
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The MRTO4 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**