9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

MRTO4 Human

mRNA Turnover 4 Human Recombinant
RCP1405

Product Overview

Name	MRTO4 Human
Description	
mRNA Turnover 4 Human Recombinant	
Accession (Primary)	Q9UKD2
Synonyms	
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.	
Introduction	
mRNA turnover protein 4 homolog (MRTO4) is a member of the ribosomal protein L10P family. MRTO4 is a protein sharing a low level of sequence similarity with ribosomal protein P0. Though the precise function of the MRTO4 is presently unknown, it seems to be involved in mRNA turnover and ribosome assembly. MRTO4 is a nucleolar component of the ribosome assembly apparatus which shares remarkable similarity and contends for binding to the 25S rRNA GAR domain with the ribosomal protein P0. The MRTO4 gene is located on human chromosome 1, which extends over 260 million base pairs, is comprised of over 3,000 genes and contains approximately 8% of the human genome.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MRTO4 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPKSKRD KKVSLTKTAK KGLELKQNLI EELRKCVDTY KYLFIFSVAN	

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MRNSKLKDIR NAWKHSRMFF GKNKVMMVAL GRSPSDEYKD NLHQVSKRLR GEVGLLFTNR TKEEVNEWFT KYTEMDYARA GNKAAFTVSL DPGPLEQFPH SMEPQLRQLG LPTALKRGVV TLLSDYEVCK EGDVLTPEQA RVLKLFGYEM AEFKVTIKYM WDSQSGRFQQ MGDDLPESAS ESTEESDSED DD

Precautions

MRTO4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UKD2)