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32-4237: Recombinant Human mRNA Turnover 4

Alternative Name :	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.

Description

Source : E.coli. 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. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The MRTO4 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.
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 :	MGSSHHHHHH SSGLVPRGSH MGSMPKSKRD KKVSLTKTAK KGLELKQNLI EELRKCVDTY KYLFIFSVAN MRNSKLKDIR NAWKHSRMFF GKNKVMMVAL GRSPSDEYKD NLHQVSKRLR GEVGLLFTNR TKEEVNEWFT KYTEMDYARA GNKAAFTVSL DPGPLEQFPH SMEPQLRQLG LPTALKRGVV TLLSDYEVCK EGDVLTPEQA RVLKLFGYEM AEFKVTIKYM WDSQSGRFQQ MGDDLPESAS ESTEESDSED DD

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