Recombinant human MRTO4 protein

Catalog Number: ATGP1741

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-239aa

UniProt No.
Q9UKD2

NCBI Accession No.
NP_057267

Alternative Names
mRNA turnover protein 4 homolog, C1orf33, dJ657E11.4, MRT4

PRODUCT SPECIFICATION

Molecular Weight
29.9 kDa (262aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol,1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
mRNA turnover protein 4 homolog, also known as MRTO4, belongs to the ribosomal protein L10P family. MRTO4 is a nucleolar component of the ribosome assembly machinery that shares notable similarity and competes for binding to the 25S rRNA GAR domain with the ribosomal protein P0. The gene encoding MRTO4 maps to human chromosome 1, which spans 260 million base pairs, contains over 3, 000 genes and comprises nearly 8% of the human genome. Recombinant human MRTO4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

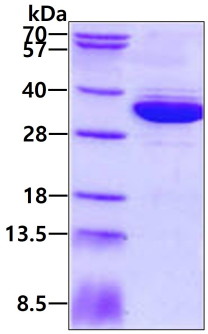
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General References

Michalec B., et al. (2010) Int J Biochem Cell Biol. 42(5):736-48
Weise A., et al. (2005) Cytogenet Genome Res. 108: 217-222.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.