

Recombinant human IMP3 protein

Catalog Number: ATGP1920

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-184aa

UniProt No.

Q9NV31

NCBI Accession No.

NP_060755.1

Alternative Names

u3 small nucleolar ribonucleoprotein protein IMP3, BRMS2, C15orf12, MRPS4

PRODUCT SPECIFICATION

Molecular Weight

24 kDa (207aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

IMP3 is the human homolog of the yeast Imp3 protein. The protein localizes to the nucleoli and interacts with the u3 snoRNP complex. The protein contains an S4 domain. Recombinant human IMP3 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MVRKLKF HEQKLLKQVD FLNWEVTDHN LHELRLVRLRY RLQRREDYTR
YNQLSRAVRE LARRLRDLPE RDQFRVRASA ALLDKLYALG LVPTRGSLEL CDFVTASSFC RRRLPTVLLK LRMAQHLQAA

Recombinant human IMP3 protein

Catalog Number: ATGP1920

VAFVEQGHVR VGPDVVTDPA FLVTRSMEDF VTWVDSSKIK RHVLEYNEER DDFDLEA

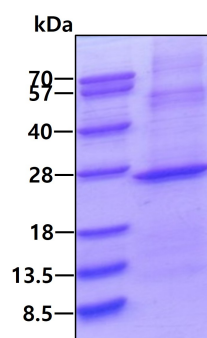
General References

Li C, Rock KL, et al. (2007). *Mod Pathol.* 20(2):242-7.

Granneman S, Gallagher JE, et al. (2003). *Nucleic Acids Res.* 31(7):1877-87.

DATA

SDS-PAGE



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