

# Recombinant human IMP3 protein

Catalog Number: ATGP1920

## PRODUCT INFORMATION

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### 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

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### 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

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### 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 SGLVPRGSH MGS>MVRKLF HEQKLLKQVD FLNWEVTDHN LHELRLRRY RLQRREDYTR  
YNQLSRAVRE LARRLRDLPE RDQFRVRASA ALLDKLYALG LVPTRGSLEL CDFVTASSFC RRRLPTVLLK LRMAQHLQAA

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VAFVEQGHVR VGPDVVTDPA FLVTRSMEDF VTWVDSSKIK RHVLEYNEER DDFDLEA

## General References

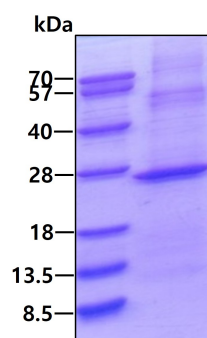
Li C, Rock KL, et al. (2007). *Mod Pathol.* 20(2):242-7.

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

## DATA

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### SDS-PAGE



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