

Recombinant Human IMP3 protein, GST-tagged

Cat. No. IMP3-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IMP3(1 a.a. - 579 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-579 a.a.
Description	This gene encodes 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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	89.43 kDa
AA Sequence	MNKLYIGNLSENAAPSDLESIFKDAKIPVSGPFLVKTGHAFVDCPDSESWALKAI EALS GKIELHGKPIEVEHSVP KRQRIRKLQIRNIPPHLQWEVLDSLLVQYGVVESCEQVNT DSETAVVNVTYSSKDQARQALDKLNGFQLENFTLK VAYIPDEMAAQQNPLQQPRG RRGLGQRGSSRQGSPGSVSKQKPCDLPLRLLVPTQFVGAIIGKEGATIRNITKQT QS KIDVHRKENAGAAEKSITILSTPEGTSAACKSILEIMHKEAQDIKFTEEIPLKILAHNNFV GRLIGKEGRNLK KIEQD TDTKITISPLQELTYNPERTITVKGNVETCAKAE EIMKKIR ESYENDIASMNLQAH LIPGLNLNALGL FPPTSGMPPPTSGPPSAMTPPY PQFEQSE TETVHLFIPALSVGAIIGKQGQHIKQLSRFAGASIKIAPAEAPDAK VRMVIITGPPEAQF

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KAQGRIYGKIKEENFVSPKEEVKLEAHIRVPSFAAGRVIGKGGKTVNELQNLSSAEVV
VPR DQTPDENDQVVVKITGHFYACQVAQRKIQEILTQVKQHQQQKALQSGPPQSR
RK

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

IMP3 IMP3, U3 small nucleolar ribonucleoprotein [Homo sapiens]

Official Symbol

IMP3

Synonyms

BRMS2; MRPS4; C15orf12; IMP3, U3 small nucleolar ribonucleoprotein, homolog; U3
snoRNP protein 3 homolog; U3 snoRNP protein IMP3

Gene ID

55272

mRNA Refseq

NM_018285

Protein Refseq

NP_060755

MIM

612980

UniProt ID

Q9NV31

**Chromosome
Location**

15q24

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Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem
Function	poly(A) RNA binding; protein binding; NOT rRNA binding

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