

## IMP3 Human

**Description:**IMP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (1-184 a.a) and having a molecular mass of 24kDa. IMP3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-022

For research use only.

**Synonyms:**BRMS2, C15orf12, MRPS4, U3 snoRNP protein IMP3.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMVRKLF HEQKLLKQVD  
FLNWEVTDHN LHELRLRRY RLQRREDYTR YNQLSRAVRE LARLRDLPE RDQFRVRASA  
ALLDKLYALG LVPTRGSLEL CDFVTASSFC RRRLPTVLLK LRMAQHLQAA VAFVEQGHVR  
VGPDVVTPA FLVTRSMEDF VTWVDSSKIK RHVLEYNEER DDFDLEA.

**Purity:**Greater than 90% as determined by SDS-PAGE.

### Formulation:

IMP3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

### Stability:

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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

IMP3 is the human homolog of the yeast Imp3 protein and Essential for the early cleavages during pre-18S ribosomal RNA processing. IMP3 is a Part of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). IMP3 is a member of to the ribosomal protein S4P family and localizes to the nucleoli and interacts with the U3 snoRNP complex. IMP3 contains an S4 domain. U3 small nucleolar ribonucleoprotein protein IMP3 is a protein which in humans is encoded by the IMP3 gene.

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