

Recombinant Human IMP3 Protein, His-tagged

Cat. No. IMP3-2330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IMP3 Protein (Met1-Ala184) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala184
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 kDa Accurate Molecular Mass: 27 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

IMP3 IMP U3 small nucleolar ribonucleoprotein 3 [Homo sapiens (human)]

Official Symbol

IMP3

Synonyms

IMP3; IMP U3 small nucleolar ribonucleoprotein 3; BRMS2; MRPS4; C15orf12; U3 small nucleolar ribonucleoprotein protein IMP3
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

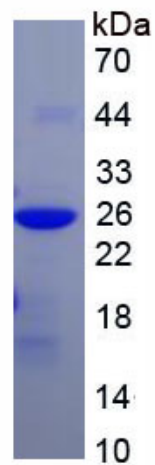
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MIM	612980
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UniProt ID	Q9NV31
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