

Recombinant Full Length Human IMP4 Protein, GST-tagged

Cat. No. IMP4-5856HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IMP4 full-length ORF (NP_219484.1, 1 a.a. - 291 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	291 amino acids
Description	IMP4 forms a ternary complex with IMP3 (MIM 612980) and MPP10 (MPHOSPHO10; MIM 605503) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing (Granneman et al., 2003 [PubMed 12655004]).[supplied by OMIM
Molecular Mass	60.2 kDa
AA Sequence	MLRREARLRREYLYRKAREEAQRSAQERKERLRRALEENRLIPI TELRREALALQGSL EFDDAGGEGVTSHVDDEYRWAGVEDPKVMITTSRDPSSRLKMF AKELKLVFPGAQ RMNRGRHEVGALVRACKANGVTDLLVVHEHRGTPVGLIVSHLPFGPTAYFTLCNVV MRHDIPDLGTMSEAKPHLITHGFSSRLGKRVS DILRYLFPV PKDDSHRVITFANQDDY ISFRHHVYKKT DHRNVELTEVGPRFELKLYMIRLGTLEQEATADVEWRWHPYTNTA RKR VFLSTE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	IMP4 IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast) [Homo sapiens]
Official Symbol	IMP4
Synonyms	IMP4; IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast); U3 small nucleolar ribonucleoprotein protein IMP4; BXDC4; MGC19606; U3 snoRNP protein IMP4; U3 snoRNP protein 4 homolog; brix domain-containing protein 4;
Gene ID	92856
mRNA Refseq	NM_033416
Protein Refseq	NP_219484
MIM	612981
UniProt ID	Q96G21

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