

Product datasheet for **TP304015**

IMP4 (NM_033416) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast) (IMP4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204015 protein sequence Red =Cloning site Green =Tags(s)

MLRREARLRREYLYRKAREEAQRSAQERKERLRRALEENRLIPTELRREALALQGSLEFDDAGGEGVTSH
VDDEYRWAGVEDPKVMITTSRDPSSRLKMFAKELKLVFPGAQRMNRGRHEVGALVRACKANGVTDLLVH
EHRGTPVGLIVSHLPFGPTAYFTLCNVVMRHDIPDLGTMSEAKPHLITHGFSSRLGKRVSDILRYLFPVP
KDDSHRVITFANQDDYISFRHHVYKKTDRNVELTEVGPRFELKLYMIRLGTLEQEATADVEWRWHPYTN
TARKRVFLSTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_219484
Locus ID:	92856



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UniProt ID: [Q96G21](#)

RefSeq Size: 1074

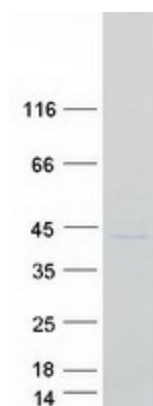
Cytogenetics: 2q21.1

RefSeq ORF: 873

Synonyms: BXDC4

Summary: The protein encoded by this gene, along with IMP3 and MPP10, is part of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP) complex. This complex is necessary for the early cleavage steps of pre-18S ribosomal RNA processing. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified IMP4 protein (Cat# TP304015). The protein was produced from HEK293T cells transfected with IMP4 cDNA clone (Cat# [RC204015]) using MegaTran 2.0 (Cat# [TT210002]).