

Product datasheet for PH304015

IMP4 (NM_033416) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IMP4 MS Standard C13 and N15-labeled recombinant protein (NP_219484)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204015
Predicted MW:	33.8 kDa
Protein Sequence:	>RC204015 protein sequence Red=Cloning site Green=Tags(s)

MLRREARLRREYLRYKAREEAQRSQAQERKERLRRALEENRLIPTELRREALALQGSLEFDDAGGEGVTSH
 VDDEYRWAGVEDPKVMITTSRDPSSRLKMFALAKLVFPGAQRMNRRHEVGALVRACKANGVTDLLVVH
 EHRGTPVGLIVSHLPFGPTAYFTLCNVVMRHDIPDLGTMSEAKPHLITHGFSSRLGKRVSDILRYLFPVP
 KDDSHRVITFANQDDYISFRHHVYKKTDRNVELTEVGPRFELKLYMIRLGTLEQEATADVEWRWHPYTN
 TARKRVFLSTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_219484
RefSeq Size:	1074
RefSeq ORF:	873
Synonyms:	BXDC4
Locus ID:	92856



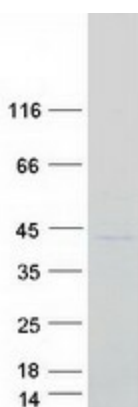
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UniProt ID: [Q96G21](#)

Cytogenetics: 2q21.1

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]).