

Product datasheet for PH301202

RBM42 (NM_024321) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RBM42 MS Standard C13 and N15-labeled recombinant protein (NP_077297)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201202
Predicted MW:	50.4 kDa
Protein Sequence:	>RC201202 protein sequence Red=Cloning site Green=Tags(s)

MAGAGPAPGLPGAGGPVVPVPGGAGIPGKSGEERLKEMEAEMALFEQEVLGAPVPGIPTAVPAVPTVPTVP
TVEAMQVPAAPVIRPIIATNTYQQVQQTLEARAAAAATVVPPMVGPPFVGPVGFPGDRSHLDSPEARE
AMFLRRAAVAPQRAPILRPAFVPHVLQRADSALSSAAAGPRPMALRPPHQALVGPPLPGPPGPPMMLPPM
ARAPGPPLGSMALRPPLEPAAPRELGLGLGLGLKEEEAVVAAAAGLEEASAAVAVGAGGAPAGPAVI
GPSLPLALAMPLPEPEPLPLEVVVRLPLRIPPELLSLRPRRPRRPEPPPGLMALEVPEPLGEDKKK
GKPEKLRKIRTAAGSSWEDPSLLEWDADDFRIFCGDLGNEVNDLILARAFSRFPSFLKAKVIRDKRTGK
TKGYGFVSFKDPSDYVRAMREMNGKYVGSRP IKLRKSMWKDRNLDVVRKKQKEKKKLGRL

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:	<u>NP_077297</u>
RefSeq Size:	1669
RefSeq ORF:	1440
Locus ID:	79171



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UniProt ID: [Q9BTD8](#)

Cytogenetics: 19q13.12

Summary: Binds (via the RRM domain) to the 3'-untranslated region (UTR) of CDKN1A mRNA.
[UniProtKB/Swiss-Prot Function]