

Product datasheet for PH302634

RPRM (NM_019845) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RPRM MS Standard C13 and N15-labeled recombinant protein (NP_062819)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202634
Predicted MW:	11.8 kDa
Protein Sequence:	>RC202634 protein sequence Red=Cloning site Green=Tags(s) MNPALGNQTDVAGLFLANSSEALERAVRCCTQASVVTDDGFAEGGPDERSLYIMRVVQIAVMCVLSLTVV FGIFFLGCNLLIKSEGMINFLVKDRRPSKEVEAVVGPY 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_062819
RefSeq Size:	1496
RefSeq ORF:	327
Synonyms:	REPRIMO
Locus ID:	56475
UniProt ID:	Q9NS64
Cytogenetics:	2q23.3



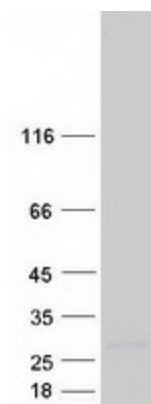
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Summary: May be involved in the regulation of p53-dependent G2 arrest of the cell cycle. Seems to induce cell cycle arrest by inhibiting CDK1 activity and nuclear translocation of the CDC2 cyclin B1 complex (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Protein Pathways: p53 signaling pathway

Product images:



Coomassie blue staining of purified RPRM protein (Cat# [TP302634]). The protein was produced from HEK293T cells transfected with RPRM cDNA clone (Cat# [RC202634]) using MegaTran 2.0 (Cat# [TT210002]).