

Product datasheet for PH311141

RFPL1 (NM_021026) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RFPL1 MS Standard C13 and N15-labeled recombinant protein (NP_066306)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211141
Predicted MW:	35.3 kDa
Protein Sequence:	<p>>RC211141 representing NM_021026</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAALFQEASSCPVCS DYLEKPM SLECGCAVCFKCINSLQKEPHGEDLLCCCCSMVSQKNKIRPSWQLERL ASHIKELEPKLKKILQMNP MRKFQVDTTL DADTANNFLISDDLRSVRSGCITQNRQDLAERFDVSI CILGSPRFTCGRHYWEVDVGTSTEWDLGVCRESVHRKGRIHLTTERGFWTVSLRDGSRLSASTVPLTFLFVDR KLQRVGIFLDMGMQNVSFDAEGGSHVYFRSVSAEEPLHLFFAPPSPPNGDKSVLSICPVINPGTTDAP VHPGEAK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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_066306</u>
RefSeq Size:	1496
RefSeq ORF:	3663
Synonyms:	RNF78
Locus ID:	5988


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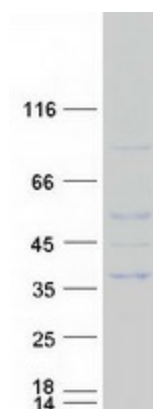
UniProt ID: [O75677](#)

Cytogenetics: 22q12.2

Summary: Negatively regulates the G2-M phase transition, possibly by promoting cyclin B1/CCNB1 and CDK1 proteasomal degradation and thereby preventing their accumulation during interphase.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RFPL1 protein (Cat# [TP311141]). The protein was produced from HEK293T cells transfected with RFPL1 cDNA clone (Cat# [RC211141]) using MegaTran 2.0 (Cat# [TT210002]).