

## Product datasheet for PH303635

### RRP9 (NM\_004704) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RRP9 MS Standard C13 and N15-labeled recombinant protein (NP_004695)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203635
Predicted MW:	51.8 kDa
Protein Sequence:	>RC203635 protein sequence Red=Cloning site Green=Tags(s)

MSATAAARKRGKPPASGAGAGAGAKRRRADSAGDRGKSKGGGKMNEEISSDSESESLAPRKPEEEEEEE  
LEETAQEKKLRLAKLYLEQLRQQEKEAEARAFEEDQVAGRLKEDVLEQRGLQKLVAKEIQAPASADIR  
VLRGHQLSITCLVPTDSSAIFSAAKDCSIIKWSVESGRKLHVIPRAKKAEGKPPGHSSHVLCMAISSD  
GKYLASGDRSKLILWEAQSCQHLYTFTGHRDAVSGLAFRRGTHQLYSTSHDRSVKVMNVAENSYVETLF  
GHQDAVAALDALSRECCVTAGGRDGTVRVWKIPEESQLVFYGHQGSIDCIHLINEEHVMVSGADDGSVALW  
GLSKKRPLALQREAHGLRGEPLGEPFWISSVAALLNTDLVATGSHSSCVRLWQCGEGFRQLDLLCDIPL  
VGFINSLKFSSSGDFLVAGVGQEHRLGRWWRIKEARNVSVCIPLRRVPVPPAAGS

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_004695</a></u>
RefSeq Size:	1590
RefSeq ORF:	1425
Synonyms:	RNU3IP2; U3-55K

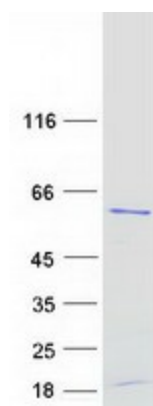


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Locus ID: 9136  
UniProt ID: [O43818](#)  
Cytogenetics: 3p21.2

**Summary:** This gene encodes a member of the WD-repeat protein family. The encoded protein is a component of the nucleolar small nuclear ribonucleoprotein particle (snoRNP) and is essential for 18s rRNA processing during ribosome synthesis. It contains seven WD domains required for nucleolar localization and specific interaction with the U3 small nucleolar RNA (U3 snoRNA). [provided by RefSeq, Oct 2012]

### Product images:



Coomassie blue staining of purified RRP9 protein (Cat# [TP303635]). The protein was produced from HEK293T cells transfected with RRP9 cDNA clone (Cat# [RC203635]) using MegaTran 2.0 (Cat# [TT210002]).