

## Product datasheet for PH324364

### PRRG2 (NM\_000951) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PRRG2 MS Standard C13 and N15-labeled recombinant protein (NP_000942)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224364
Predicted MW:	22.2 kDa
Protein Sequence:	>RC224364 representing NM_000951 Red=Cloning site Green=Tags(s)  MRGHPSLLLLLYMALTTCLDTSPSEETDQEVFLGPPEAQSFLLSSHTRIPRANHWDLELLTPGNLERECLEE RCSWEEAREYFEDNTLTERFWESYIYNGKGRGRVDVASLAVGLTGGILLIVLAGLGAFWYLRWRQHRGQ QPCPQEAGLISPLSPLNPLGPPTPLPPPPPPGLPTYEQALAASGVHDAPPPPYTSLRRPH  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:	<a href="#">NP_000942</a>
RefSeq Size:	1167
RefSeq ORF:	606
Synonyms:	PRGP2
Locus ID:	5639
UniProt ID:	<a href="#">O14669</a>



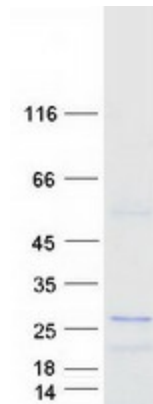
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**Cytogenetics:** 19q13.33

**Summary:** The protein encoded by this gene is a single-pass transmembrane protein containing an N-terminal gamma-carboxyglutamic acid (Gla) domain and tandem Pro/Leu-Pro-Xaa-Tyr (PY) motifs at its C-terminal end. The Gla domain is exposed on the cell surface while the PY motifs are cytoplasmic. The PY motifs of the encoded protein have been shown to interact with YAP1, a WW domain-containing protein. Therefore, it is thought that the encoded protein may be part of a signal transduction pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified PRRG2 protein (Cat# [TP324364]). The protein was produced from HEK293T cells transfected with PRRG2 cDNA clone (Cat# [RC224364]) using MegaTran 2.0 (Cat# [TT210002]).