

Product datasheet for **TP324364M**

PRRG2 (NM_000951) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proline rich Gla (G-carboxyglutamic acid) 2 (PRRG2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224364 representing NM_000951 Red =Cloning site Green =Tags(s)
	MRGHPSLLLLYMALTTCLDTSPSEETDQEVFLGPPEAQSFSSHTRIPRANHWDLELLTPGNLERECLEE RCSWEEAREYFEDNTLTERFWESIYNGKGGRRVDVASLAVGLTGGILLIVLAGLGAFWYLRWRQHRGQ QPCPQEAGLISPLSPLNPLGPPTPLPPPPPPGLPTYEQALAASGVHDAPPPPYTSLRRPH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000942
Locus ID:	5639
UniProt ID:	O14669
RefSeq Size:	1167



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Cytogenetics: 19q13.33

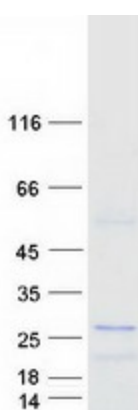
RefSeq ORF: 606

Synonyms: PRGP2

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]).