

Product datasheet for **RC224364L4V**

PRRG2 (NM_000951) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRRG2 (NM_000951) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRRG2
Synonyms:	PRGP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000951
ORF Size:	606 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224364).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000951.1
RefSeq Size:	1167 bp
RefSeq ORF:	609 bp
Locus ID:	5639
UniProt ID:	O14669
Cytogenetics:	19q13.33
Protein Families:	Transmembrane
MW:	22.2 kDa


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Gene 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]