

## Product datasheet for **RC204601L4V**

### MPRA (PAQR7) (NM\_178422) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MPRA (PAQR7) (NM_178422) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MPRA
Synonyms:	MPRA; mSR; PGLP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178422
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204601).
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. <a href="#">More info</a>
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:	<a href="#">NM_178422.4</a>
RefSeq Size:	3023 bp
RefSeq ORF:	1041 bp
Locus ID:	164091
UniProt ID:	<a href="#">Q86WK9</a>
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome, Transmembrane
MW:	39.8 kDa


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**Gene Summary:**

Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).[UniProtKB/Swiss-Prot Function]