

## Product datasheet for **RC223106L3V**

### **GMPR2 (NM\_001002002) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GMPR2 (NM_001002002) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GMPR2
Synonyms:	GMPR 2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001002002
ORF Size:	1044 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223106).
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_001002002.1</a>
RefSeq Size:	1669 bp
RefSeq ORF:	1047 bp
Locus ID:	51292
UniProt ID:	<a href="#">Q9P2T1</a>
Cytogenetics:	14q12
Protein Families:	Druggable Genome
Protein Pathways:	Purine metabolism



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**MW:** 37.9 kDa

**Gene Summary:** This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). The protein also functions in the re-utilization of free intracellular bases and purine nucleosides. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]