

Product datasheet for **MR205250L4V**

Gmpr2 (NM_177992) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gmpr2 (NM_177992) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gmpr2
Synonyms:	1810008P16Rik; 5730544D12Rik; AA959850; GMPR 2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177992
ORF Size:	1047 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205250).
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_177992.2 , NP_818773.1
RefSeq Size:	1560 bp
RefSeq ORF:	1047 bp
Locus ID:	105446
UniProt ID:	Q99L27
Cytogenetics:	14 C3



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Gene Summary:

Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides (Probable). Plays a role in modulating cellular differentiation (By similarity).[UniProtKB/Swiss-Prot Function]