

Product datasheet for **MR205944L4V**

Prokr2 (NM_144944) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prokr2 (NM_144944) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prokr2
Synonyms:	B830005M06Rik; EG-VEGRF2; Gpcr73l1; Gpr73l1; PKR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144944
ORF Size:	1146 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205944).
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_144944.2 , NP_659193.2
RefSeq Size:	4533 bp
RefSeq ORF:	1146 bp
Locus ID:	246313
UniProt ID:	Q8K458
Cytogenetics:	2 F2



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Gene Summary:

Receptor for prokineticin 2. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase (By similarity). [UniProtKB/Swiss-Prot Function]