

Product datasheet for **MR211166L4V**

Grm7 (NM_177328) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Grm7 (NM_177328) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Grm7
Synonyms:	6330570A01Rik; BB176677; C030018L03; E130018M02Rik; Gpr1g; Gprc1g; mGluR7; SMN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177328
ORF Size:	2745 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211166).
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_177328.3 , NP_796302.2
RefSeq Size:	4181 bp
RefSeq ORF:	2748 bp
Locus ID:	108073
UniProt ID:	Q68ED2
Cytogenetics:	6 E3


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Gene Summary:

G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity (By similarity).[UniProtKB/Swiss-Prot Function]