

Product datasheet for **MR204811L4V**

Grhpr (NM_080289) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Grhpr (NM_080289) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Grhpr
Synonyms:	1110059D05Rik; 6430629L09Rik; Glxr
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080289
ORF Size:	987 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204811).
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_080289.1
RefSeq Size:	1253 bp
RefSeq ORF:	987 bp
Locus ID:	76238
UniProt ID:	Q91Z53
Cytogenetics:	4 B1



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Gene Summary:

This gene encodes a member of the D-isomer specific 2-hydroxyacid dehydrogenase family of proteins. The encoded protein catalyzes three enzymatic reactions: the conversion of hydroxypyruvate to D-glycerate as well as the reverse reaction, and the conversion of glyoxylate to glycolate. Homozygous knockout mice exhibit elevated synthesis of oxalate and glycerate. [provided by RefSeq, Aug 2015]