

Product datasheet for **RC200963L4V**

GRHPR (NM_012203) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRHPR (NM_012203) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRHPR
Synonyms:	GLXR; GLYD; PH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012203
ORF Size:	984 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200963).
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_012203.1 , NP_036335.1
RefSeq Size:	1235 bp
RefSeq ORF:	987 bp
Locus ID:	9380
UniProt ID:	Q9UBQ7
Cytogenetics:	9p13.2
Domains:	2-Hacid_DH, 2-Hacid_DH_C
Protein Families:	Druggable Genome



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Protein Pathways: Glyoxylate and dicarboxylate metabolism, Metabolic pathways, Pyruvate metabolism

MW: 35.7 kDa

Gene Summary: This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. [provided by RefSeq, Jul 2008]