

Product datasheet for **MR222215L4V**

Gphn (NM_172952) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gphn (NM_172952) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gphn
Synonyms:	5730552E08Rik; AI662856; BC027112; C230040D23; geph; GPH; GPHRYN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172952
ORF Size:	2307 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222215).
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_172952.3 , NP_766540.2
RefSeq Size:	3307 bp
RefSeq ORF:	2310 bp
Locus ID:	268566
UniProt ID:	Q8BUV3
Cytogenetics:	12 C3



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Gene Summary:

Microtubule-associated protein involved in membrane protein-cytoskeleton interactions. It is thought to anchor the inhibitory glycine receptor (GLYR) to subsynaptic microtubules. Catalyzes two steps in the biosynthesis of the molybdenum cofactor. In the first step, molybdopterin is adenylated. Subsequently, molybdate is inserted into adenylated molybdopterin and AMP is released.[UniProtKB/Swiss-Prot Function]