

Product datasheet for **MR222906L4V**

Grip1 (NM_028736) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Grip1 (NM_028736) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Grip1
Synonyms:	4931400F03Rik; eb; GRIP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028736
ORF Size:	3381 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222906).
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_028736.1 , NP_083012.1
RefSeq Size:	3537 bp
RefSeq ORF:	3384 bp
Locus ID:	74053
UniProt ID:	Q925T6
Cytogenetics:	10 67.33 cM



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Gene Summary:

This gene encodes a protein containing multiple PDZ (post synaptic density protein, Drosophila disc large tumor suppressor, and zonula occludens-1 protein) domains. The encoded protein acts as a mediator between cytoskeletal and membrane proteins, particularly in neuronal cells, and facilitates complex formation at the cell membrane. Mutation of this gene can cause embryonic lethality resulting from defects of the dermo-epidermal junction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]