

Product datasheet for **MR221156L4V**

Gorasp2 (NM_027352) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gorasp2 (NM_027352) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gorasp2
Synonyms:	0610011A07Rik; 2410043M02Rik; 5730520M13Rik; 9430094F20Rik; AW552058
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027352
ORF Size:	1356 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221156).
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_027352.4 , NP_081628.3
RefSeq Size:	2287 bp
RefSeq ORF:	1356 bp
Locus ID:	70231
UniProt ID:	Q99JX3
Cytogenetics:	2 C2



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Gene Summary:

Plays a role in assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after breakdown during mitosis and meiosis (PubMed:28617811). May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA (By similarity). Required for normal acrosome formation during spermiogenesis and normal male fertility, probably by promoting colocalization of JAM2 and JAM3 at contact sites between germ cells and Sertoli cells (PubMed:28617811). Mediates ER stress-induced unconventional (ER/Golgi-independent) trafficking of core-glycosylated CFTR to cell membrane (By similarity).[UniProtKB/Swiss-Prot Function]