

Product datasheet for **MR207813L4V**

Katnal1 (NM_153572) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Katnal1 (NM_153572) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Katnal1
Synonyms:	MGC40859
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153572
ORF Size:	1467 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207813).
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_153572.1 , NP_705800.1
RefSeq Size:	6173 bp
RefSeq ORF:	1467 bp
Locus ID:	231912
UniProt ID:	Q8K0T4
Cytogenetics:	5 G3



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Gene Summary:

Regulates microtubule dynamics in Sertoli cells, a process that is essential for spermiogenesis and male fertility. Severs microtubules in an ATP-dependent manner, promoting rapid reorganization of cellular microtubule arrays (PubMed:22654668). Has microtubule-severing activity in vitro (By similarity).[UniProtKB/Swiss-Prot Function]