

Product datasheet for **MR205399L4V**

Gnat2 (NM_008141) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gnat2 (NM_008141) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gnat2
Synonyms:	AW490837; Gnat-2; Gt-2; Tcalpha
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008141
ORF Size:	1065 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205399).
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_008141.2
RefSeq Size:	1796 bp
RefSeq ORF:	1065 bp
Locus ID:	14686
UniProt ID:	P50149
Cytogenetics:	3 46.83 cM



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Gene Summary:

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase.[UniProtKB/Swiss-Prot Function]