

Product datasheet for **MR205488L4V**

Gnaq (NM_008139) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gnaq (NM_008139) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gnaq
Synonyms:	1110005L02Rik; 6230401I02Rik; AA408290; AW060788; Dsk1; Dsk10; Galphaq; Gq; Gql
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008139
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205488).
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_008139.3
RefSeq Size:	5634 bp
RefSeq ORF:	1080 bp
Locus ID:	14682
UniProt ID:	P21279
Cytogenetics:	19 11.01 cM



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Gene Summary:

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates chemotaxis of BM-derived neutrophils and dendritic cells (in vitro).[UniProtKB/Swiss-Prot Function]