

## Product datasheet for **RC200685L1V**

### GNAT2 (NM\_005272) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GNAT2 (NM_005272) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNAT2
Synonyms:	ACHM4; GNATC
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005272
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200685).
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. <a href="#">More info</a>
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:	<a href="#">NM_005272.2</a>
RefSeq Size:	1384 bp
RefSeq ORF:	1065 bp
Locus ID:	2780
UniProt ID:	<a href="#">P19087</a>
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome
MW:	40.2 kDa



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**Gene Summary:**

Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones. [provided by RefSeq, Jul 2008]