

## Product datasheet for **RC221491L4V**

### **GNB5 (NM\_016194) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GNB5 (NM_016194) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNB5
Synonyms:	GB5; gbeta5; IDDCa; LADCI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016194
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221491).
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_016194.3</a>
RefSeq Size:	3084 bp
RefSeq ORF:	1188 bp
Locus ID:	10681
UniProt ID:	<a href="#">O14775</a>
Cytogenetics:	15q21.2
Domains:	WD40
Protein Families:	Druggable Genome



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**Protein Pathways:** Chemokine signaling pathway

**MW:** 43.4 kDa

**Gene Summary:** Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. Alternatively spliced transcript variants encoding different isoforms exist. [provided by RefSeq, Jul 2008]