

## Product datasheet for **RC205899L3V**

### **GNGT1 (NM\_021955) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GNGT1 (NM_021955) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNGT1
Synonyms:	GNG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021955
ORF Size:	222 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205899).
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_021955.3</a>
RefSeq Size:	628 bp
RefSeq ORF:	225 bp
Locus ID:	2792
UniProt ID:	<a href="#">P63211</a>
Cytogenetics:	7q21.3
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway



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**MW:** 8.5 kDa

**Gene Summary:** This gene encodes the gamma subunit of transducin, a guanine nucleotide-binding protein (G protein) that is found in rod outer segments. Transducin, also known as GMPase, mediates the activation of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase by rhodopsin. [provided by RefSeq, Jul 2016]