

## Product datasheet for **RC213901L3V**

### **GUCY2C (NM\_004963) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GUCY2C (NM_004963) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GUCY2C
Synonyms:	DIAR6; GC-C; GUC2C; MECIL; MUCIL; STAR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004963
ORF Size:	3219 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213901).
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_004963.1</a>
RefSeq Size:	3745 bp
RefSeq ORF:	3222 bp
Locus ID:	2984
UniProt ID:	<a href="#">P25092</a>
Cytogenetics:	12p12.3
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	Purine metabolism



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**MW:** 123.2 kDa

**Gene Summary:** This gene encodes a transmembrane protein that functions as a receptor for endogenous peptides guanylin and uroguanylin, and the heat-stable E. coli enterotoxin. The encoded protein activates the cystic fibrosis transmembrane conductance regulator. Mutations in this gene are associated with familial diarrhea (autosomal dominant) and meconium ileus (autosomal recessive). [provided by RefSeq, Nov 2016]