

Product datasheet for **RC214560L4V**

C2GNT3 (GCNT4) (NM_016591) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C2GNT3 (GCNT4) (NM_016591) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C2GNT3
Synonyms:	C2GNT3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016591
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214560).
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_016591.1 , NP_057675.1
RefSeq Size:	3435 bp
RefSeq ORF:	1362 bp
Locus ID:	51301
Cytogenetics:	5q13.3
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis
MW:	52.9 kDa



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Gene Summary:

Glycosyltransferase that mediates core 2 O-glycan branching, an important step in mucin-type biosynthesis. Does not have core 4 O-glycan or I-branching enzyme activity.
[UniProtKB/Swiss-Prot Function]