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Product datasheet for RC216821L3V

GALNT13 (NM_052917) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GALNT13 (NM_052917) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GALNT13
Synonyms:	GalNAc-T13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_052917
ORF Size:	1668 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216821).
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_052917.2
RefSeq Size:	5689 bp
RefSeq ORF:	1671 bp
Locus ID:	114805
UniProt ID:	Q8IUC8
Cytogenetics:	2q23.3-q24.1
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis

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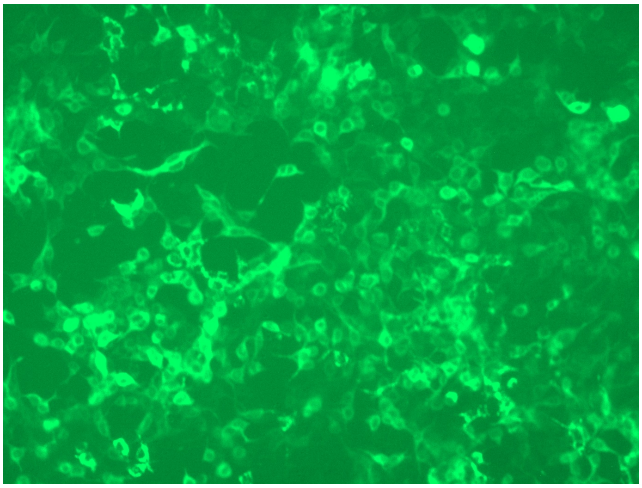
MW: 64.1 kDa

Gene Summary: The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT; EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.[supplied by OMIM, Apr 2004]

Product images:



[RC216821L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC216821L3V particle to overexpress human GALNT13-Myc-DDK fusion protein.