

Product datasheet for **MR218121L4V**

Galnt13 (NM_173030) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Galnt13 (NM_173030) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Galnt13
Synonyms:	A230002A12; A230020F20; BB182356
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173030
ORF Size:	1668 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218121).
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_173030.2 , NP_766618.2
RefSeq Size:	6966 bp
RefSeq ORF:	1671 bp
Locus ID:	271786
UniProt ID:	Q8CF93
Cytogenetics:	2 C1.1



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Gene Summary:

Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has a much stronger activity than GALNT1 to transfer GalNAc to mucin peptides, such as Muc5Ac and Muc7. Able to glycosylate SDC3. Probably responsible for the synthesis of Tn antigen in neuronal cells.[UniProtKB/Swiss-Prot Function]