

Product datasheet for **MR223895L4V**

Galnt3 (NM_015736) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Galnt3 (NM_015736) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Galnt3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015736
ORF Size:	1899 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223895).
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_015736.2 , NP_056551.2
RefSeq Size:	3684 bp
RefSeq ORF:	1902 bp
Locus ID:	14425
UniProt ID:	P70419
Cytogenetics:	2 C1.3



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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 activity toward HIV envelope glycoprotein gp120, EA2, Muc2 and Muc5. Glycosylates FGF23 (By similarity). Probably glycosylates fibronectin in vivo. May be involved in phosphate homeostasis.[UniProtKB/Swiss-Prot Function]