

## Product datasheet for **MR224949L4V**

### Galnt7 (NM\_001167981) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Galnt7 (NM_001167981) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Galnt7
Synonyms:	AI225872
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001167981
ORF Size:	1971 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224949).
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_001167981.1</a> , <a href="#">NP_001161453.1</a>
RefSeq Size:	4363 bp
RefSeq ORF:	1974 bp
Locus ID:	108150
UniProt ID:	<a href="#">Q80VA0</a>
Cytogenetics:	8 B2



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**Gene Summary:**

Glycopeptide transferase involved in O-linked oligosaccharide biosynthesis, which catalyzes the transfer of an N-acetyl-D-galactosamine residue to an already glycosylated peptide. In contrast to other proteins of the family, it does not act as a peptide transferase that transfers GalNAc onto serine or threonine residue on the protein receptor, but instead requires the prior addition of a GalNAc on a peptide before adding additional GalNAc moieties. Some peptide transferase activity is however not excluded, considering that its appropriate peptide substrate may remain unidentified (By similarity).[UniProtKB/Swiss-Prot Function]