

Product datasheet for **MR220023L3V**

Gbgt1 (NM_139197) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gbgt1 (NM_139197) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gbgt1
Synonyms:	Fgs; Fs
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_139197
ORF Size:	1041 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220023).
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_139197.2 , NP_631936.2
RefSeq Size:	1335 bp
RefSeq ORF:	1044 bp
Locus ID:	227671
UniProt ID:	Q8VI38
Cytogenetics:	2 A3



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Gene Summary:

Catalyzes the formation of Forssman glycolipid via the addition of N-acetylgalactosamine (GalNAc) in alpha-1,3-linkage to GalNAc β -1,3Gala-1,4Galb-1,4GlcCer (Gb4Cer). Forssman glycolipid (also called Forssman antigen; FG) probably serves for adherence of some pathogens. Conversely, it diminishes Shiga toxins susceptibility.[UniProtKB/Swiss-Prot Function]