

Product datasheet for **MR204972L4V**

B3gat3 (NM_024256) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	B3gat3 (NM_024256) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	B3gat3
Synonyms:	2810405M13Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024256
ORF Size:	1008 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204972).
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_024256.2 , NP_077218.1
RefSeq Size:	1599 bp
RefSeq ORF:	1008 bp
Locus ID:	72727
UniProt ID:	P58158
Cytogenetics:	19 A



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Gene Summary:

Glycosaminoglycans biosynthesis. Involved in forming the linkage tetrasaccharide present in heparan sulfate and chondroitin sulfate. Transfers a glucuronic acid moiety from the uridine diphosphate-glucuronic acid (UDP-GlcUA) to the common linkage region trisaccharide Gal-beta-1,3-Gal-beta-1,4-Xyl covalently bound to a Ser residue at the glycosaminylglycan attachment site of proteoglycans. Can also play a role in the biosynthesis of I2/HNK-1 carbohydrate epitope on glycoproteins. Stimulates 2-phosphoxylose phosphatase activity of PXYLP1 in presence of uridine diphosphate-glucuronic acid (UDP-GlcUA) during completion of linkage region formation.[UniProtKB/Swiss-Prot Function]