

Product datasheet for MC203466

Galnt10 (NM_134189) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt10 (NM_134189) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Galnt10
Synonyms:	AU018154; C330012K04Rik; GalNAc-T9; GalNAc-T10; Galnt9; ppGaNTase
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060617

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GGCGTCGCGGCCGCTACTGCTGGCCGAAGTCTGCCGCCCGGGTGGACGGGCGGACGCGCAAAGCCGG
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TCATGAACACCTGCAATCCCTCCTCCCTCACCCAGCAGTGGCTCTTTGAACACACCAACTCGACGGTCTT
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 AAAAAAAAAAAAAAAAAA

Restriction Sites:

Ascl-NotI

ACCN:

NM_134189

Insert Size:

1812 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC060617 , AAH60617
RefSeq Size:	4708 bp
RefSeq ORF:	1812 bp
Locus ID:	171212
UniProt ID:	Q6P9S7
Cytogenetics:	11 B1.3
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 Muc5Ac and EA2 peptide substrates (By similarity).[UniProtKB/Swiss-Prot Function]