

## Product datasheet for **MC202379**

### Galnt4 (NM\_015737) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt4 (NM_015737) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Galnt4
Synonyms:	AV011803
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Reconstitution Method:**

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:** [BC057882](#), [AAH57882](#)

**RefSeq Size:** 2673 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 14426

**UniProt ID:** [O08832](#)

**Cytogenetics:** 10 C3

**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 a highest activity toward EA2 peptide substrate and a much lower activity with EPO-T, Muc2, Muc1a, Muc1b.[UniProtKB/Swiss-Prot Function]