

## Product datasheet for **MC219562**

### **Wbscr17 (NM\_145218) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Wbscr17 (NM_145218) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wbscr17
Synonyms:	AA388321; E330012B09Rik; Galnt17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219562 representing NM\_145218  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTTCACTGAGGAGAGTCAAAGTGTGTTGGTGTGAACTTGATCGCGGTGGCCGGCTTCGTGATCT  
 TTTTGGCTAAGTGTGCGCCTATCGCGGTGCGCAGCGGAGACGCCCTTCCACGAGATCCGGCCTCGCGCAGA  
 GGTGGCCAACTCAGCGCGCACAGCGCCAGCCCATCCAGGATGCGGTCTGAAGCGCTTGTGCTGCTG  
 GAGGACATCGTCTACAGGACGCTTAATGGCTTATCTAAATCCCTCGGGCTCATCGAAGGGTATGGTGGGA  
 GGGGCAAAGGAGGCCCTTCTGCCACCTTTCCCTCTGAAGAAGAAAAAGCCAAAGGACCTCATGAGAA  
 ATATGGCTACAATTCCTACCTCAGTGAAGAGATCTCCTTGGACCGGTCTATTCCAGATTATCGTCTACC  
 AAGTGAAGGAGCTCAAATATTCCAAGGAGTTGCCCCAGATATCCATCATCTTTCATCTTCGTGAATGAGG  
 CCCTGTCTGTACTTTCGGTCACTCACAGCGTGTCAATCACACCCACACACCTGCTGAAGGAGAT  
 CATCCTGGTGGATGACAACAGTGTGAAGAGGAGCTGAAGGCCCTTGAAGAGTACGTCCACAAACGC  
 TACCCTGGGCTGGTGAAGGTGGTACGCAATCAAAGCGAGAAGGCCTGATCCGAGCACGCATCGAGGGCT  
 GGAAAGCGGCCACTGGCCAGTCACTGGCTTTTTTCGATGCTCACGTGGAATTCATGCTGGCTGGCTGA  
 GCCCGTTCTGTCCCGCATCCAGGAAAACCGAAGCGGGTCACTCCCTCCATCGACAACATCAAGCAG  
 GACAACCTCGAAGTGCAGCGCTACGAGAACTCCGCCACGGGTACAGCTGGGAGCTGTGGTGCATGTACA  
 TCAGCCCCCAAAGACTGGTGGGACGCCGGAGATCCCTCTCTCCCCATCAGAACACCAGCCATGATTGG  
 CTGCTCATTTGTGGTCAACAGGAAATCTTTGGTGAATTTGGTCTGCTGGACCTGGAATGGATGTGTAC  
 GGAGGAGAGAATTTGAAGTGGGATCAAGGTATGGCTCTGTGGTGGCAGCATGGAGTCCCTTCCATGTT  
 CAAGGGTGGCCACATTTGAGCGGAAGAAGAAACCGTATAACAGTAAACATCGGCTTTTACACCAAGAGGAA  
 TGCATTGCGAGTAGCCGAGGTCTGGATGGACGACTACAAGTACATGTGTACATAGCGTGGAAATCTGCCT  
 CTGGAGAATCCAGGCATCGATATCGGTGATGTCTCAGAAAAGAAAAGCATTAAAGGAAAAGTTTGAATGTA  
 AGAATTTCCAGTGGTATTTGGACCATGTTTACCCAGAAATGAGAAGATACAACAACACTATCGCCTATGG  
 GGAGCTTCGTAATAATAAGGCCAAGGACGTCTGTCTGGACCAGGGGCCACTGGAAAACACACAGCAATA  
 CTGTACCCATGCCACGGTTGGGACCACAGCTCGCCCGCTACACCAAGGAAGGGTTCTGCACCTTAGGTG  
 CTCTGGGACCACCCTCTCCTCCCTGATACCCGCTGCCTGGTGGACAACTCCAAGAGTCGGTTGCCGCA  
 GCTCCTGGATTGTACAAGGTCAAGAGCAGCTTGTACAAGCGTTGGAATTCATCCAGAATGGAGCCATC  
 ATGAATAAGGGCACAGGGCGCTGCCTAGAGGTGGAGAACCAGGGCCTGGCCGGCATCGACCTAATCCTTC  
 GAAGCTGTACTGGACAGAGATGGCAATCAAGAATCCCATCAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_145218
- Insert Size:** 1797 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:**

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:** [NM\\_145218.3](#), [NP\\_660253.2](#)

**RefSeq Size:** 4196 bp

**RefSeq ORF:** 1797 bp

**Locus ID:** 212996

**UniProt ID:** [Q7TT15](#)

**Cytogenetics:** 5 G2

**Gene Summary:** May catalyze 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. [UniProtKB/Swiss-Prot Function]