

## Product datasheet for **MC203066**

### **Slc1a5 (NM\_009201) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc1a5 (NM_009201) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc1a5
Synonyms:	AAAT; ASCT2; ATBO; M7V1; M7VS1; R16; RDRC; Slc1a7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037462  
 CCACGCGTCCGGGACCCTCCAGTTTCCGAGATCCGGTGGACGCATAACTTCAAGGACCGCTGCAAAGTTT  
 CAGCCTCCATTCTCGGTCTAAGGACGTACACCTAGTCTCCAGGCGCACAAAGAACCTCCCTGTTACGG  
 CTCAGCATGGCAGTGGATCCCCTAAGGCTGACCCCAAAGGGGTAGTAGCGGTGGATTCCACCGCGAACG  
 GTGGCCCCGCGCTGGGATCCAGAGAGGACCAGAGTGCAGAAAGCAGGTGGTTGCTGCGGTTCCCGTGACCG  
 GGTGCGCCGCTGCATTGCGCCAACCTGCTGGTGTCTCACGGTGGCTGCGGTGGTGGCTGGCGTGGGG  
 CTGGGGCTGGGGTCTCGGCGGGGGCGGTGCTGACGCGTGGGTCCCGCGCGCTTGACCGCTTTCGCT  
 TCCCGGGAGAGCTGCTGCTGCGTCTGCTGAAGATGATCATCCTGCGCTCGTGGTGTGCAGCCTGATCGG  
 AGGTGCAGCCAGCTTGGACCCTAGCGCGCTCGGTGCTGTGGGCGCCTGGGCGCTGCTTTTTTCTGGT  
 ACCACACTGCTCGCGTCCGCGCTCGGCGTGGGTTTGGCCCTGGCGCTGAAGCCGGGGCGCCCGTTACCG  
 CCATCACCTCCATCAACGACTCTGTTGTAGACCCCTGTGCCCGCAGTGCACCAACCAAAGAGGTGCTGGA  
 TTCCTTTCTAGATCTCGTGAGGAATATTTCCCTCCAATCTGGTGTCTGCTGCCTTCCGCTTTTTGCT  
 ACCTCATATGAACCCAAAGACAACCTCATGAAAATACCGCAATCTGTATCCAGCGGGAGATCAATTCAA  
 CCATGGTCCAGCTTCTCTGTGAGGTGGAGGAATGAACATCCTGGGCTGGTGGTCTTCGCTATCGTCTT  
 TGGTGTGGCTCTGCGGAAGCTGGGGCCGAGGGTGAAGTCTCATTCTTCAACTCCTTCAATGAT  
 GCCACCATGGTCTGCTCTGATTATGTGGTACGCACCCGTTGGAATCCTGTTCCTGGTGGCCAGCA  
 AGATTGTGGAGATGAAAGACGTCCGCCAGCTTTCATCAGCCTCGGCAAAATACATTCTGTGCTGCCTGCT  
 GGGCCACGCCATCCACGGGCTCCTGTTTCTGCCTCTCATCTACTTCTTCCACCGCAAAAATCCCTAT  
 CGATTCTGTGGGGCATCATGACACCCCTGGCCACTGCTTTCGGGACCTTCTAGCTCTGCCACCTTGC  
 CTCTGATGATGAAGTGTGTAGAGGAGAAGAATGGTGTGGCCAAACACATCAGCCGGTTCATCCTACCCAT  
 CGGCGCCACGGTCAACATGGACGGGGCGCGCTGTTCCAGTGTGTGGCGCAGTGTTCATCGCAACTA  
 AACGGGGTGTCCCTGGACTTCGTGAAGATCATCACCATCCTGGTACAGCCACAGCATCCAGTGTGGTG  
 CGGACGGGATCCCTGCAGGGGGCGTCTCACCCCTCGCCATCATCCTGGAAGCAGTCAAGCTGCTGTGAA  
 GGACATCTCCTTGATCTTGGCCGTGGACTGGCTAGTGGACAGGTCTGTACTGCTCAACGTGGAAGGT  
 GATGCTTTTGGGCTGGACTGCTTCAGAGTTACGTGGATCGAACCAAGATGCCGAGCTCAGAGCCGAAT  
 TGATCCAGGTGAAGAACGAGGTGTCTCTGAATCCACTGCCCTCGCCACAGAGGAGGGGAATCCCTCCT  
 GAAACAGTACCAGGGACCCACGGGGACTCCAGTGCCACGTTTCAAAAAGGAATCTGTGATGTGAATATCA  
 GGAGGGACTTTCTACGCCCTGGTACTTACGTTGGAAGCCGGTCTTGGAGCTGGAGAAATGGACTGG  
 ATGAGGGCTTAGGGGTGGGCTGTTTACACACTCCAGGAATCTAGGGGTGGTGTCTCCTCCTGGAGAG  
 GCTATTAGGAGCCTTGTGCTGGGTGCATATGCTTATATGTGAATGTGTCCACAATCCCACCCCTCT  
 CCGTTCTGTCCCATCAAGGAATGACATTCTCAGTACCCAGAGCCATCTGGCCTACCCTCTCAGGAA  
 ATGGGTTGCTCTAGAGTTCTTACCCTTTAAAGGCAAAAGTATTGGGATGCAATACTATCTTAATGT  
 CCCTATCTGTGGTGTGTGCACTTGTGTGACCTTCCAGTAGTCCCTCCATGACAGAAAAACCTCCCA  
 TGAGTCTCGAGGGAAAGCCAAGAATAAATGTCACTCCAGAACACAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_009201
- Insert Size:** 1668 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:** [BC037462](#), [AAH37462](#)

**RefSeq Size:** 2304 bp

**RefSeq ORF:** 1668 bp

**Locus ID:** 20514

**Cytogenetics:** 7 A2