

## Product datasheet for **MC201066**

### Slc34a1 (NM\_011392) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc34a1 (NM_011392) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc34a1
Synonyms:	NaPi-IIa; Npt2; Npt2a; Slc17a2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC020529 sequence for NM\_011392  
 GCAGCCGGGCTGGAGCTGAGCCACAGTCAAGGACTCATTGTGGGTGCCAACATGATGTCCTACAGCGAG  
 AGATTGGGGGGACCGGCTGTCTCCCACTTCCAGTCCGTGGGAGACACATGGTGCATGGGGCAACCTTTG  
 CTTATGTGCCAGCCACAAGTCTGCACAGGATTCTGGAACATCCACCTATGCCATCTCCAGTCTGAG  
 CCCGGTCAACCCTCACAGAGCACAGCTGTCCCTGTGGGGAAGTCTGGAATGTCATGACCCACTACCTACC  
 AAGCTGGCTCAGGAAGAGGAGCAAAAGCCAGAGCCAGGCTGTCCAGAAGCTTGCCAGGTTGGCACGA  
 AGCTCTGAAGGTGCCTCTGATGCTGGCTTTCCTTTACCTTTTGTCTGCTCCCTGGATGTGCTCAGCTC  
 CGCCTTCCAGTTGGCTGGAGGAAGGTGGCTGGGACATCTTCAAGGACAATGCCATCCTATCCAACCCA  
 GTGGCAGGGCTGGTGGTGGGATCCTGGTGACAGTTCTGGTGCAGAGTCCAGTACCTCTACATCCATCA  
 TTGTCAGCATGGTCTCCTCCGGCTTGTGGAGGTGAGCTCCGCCATTCCGATCATCATGGGCTCCAACAT  
 CGGAACCTCTGTACCAACACCATTTGTGGCCCTGATGCAGGCAGGGGACAGGACTGACTTCAGGCGGGCT  
 TTTGCAGGGGCGACCGTGCATGACTGTTTTAACTGGCTGTCTGTTCTGGTCTACTGCCCTGGAGGCTG  
 CCACGGGTACCTACACCATGTACCCGGGCTTGTGGTTGCTTCTTCAACATCCGAGGTGGCCGTGATGC  
 CCCCAGCTTCTCAAAGTCATCACAGAGCCCTTACAAGACTCATCATCCAGCTGGACAAGTCTGTGATC  
 ACCAGCATTGCCGTGGGGATGAGTCCCTGAGGAATCACAGTCTCATTCCGATTTGGTGTACCCAGACA  
 CAACAGAGGCTTCCACTTCTATGTCCAGGGTAGAGGCCATCGGCAGCCTTGCAAACACCACCATGGAGAA  
 ATGCAACCATATCTTCGTGGATACGGGGCTGCCGACCTGGCCGTGGGGCTCATTCTGCTGGCGGGCTCC  
 CTGGTGGTTCTCTGCACTTGTCTTATCCTCCTTGTGAAGATGCTCAACTCCCTGCTCAAGGGCCAAGTGG  
 CCAATGTCATCCAGAAGGTATCAACACAGACTTTCCTGCCCCCTTACCTGGGTACCGGCTACTTTGC  
 CATGGTGGTGGGTGCCAGCATGACCTTTGTTGTCCAGAGCAGTCCGTGTTACCTCAGCCATCACCCCA  
 CTCATTGGCCTGGGTGTGATCAGCATTGAGCGGGCCTACCCTCTACCCTGGGCTCCAACATTGGCACTA  
 CCACTACAGCCATCCTGGCAGCGCTTGCAGCCCGAGGAGAAGCTATCCAGTCAATTCAGATTGCCCT  
 CTGCCACTTCTTCAACATCTCGGGCATCCTACTGTGGTACCCGCTGCCCTGCACAGCCTGCCATA  
 CGCATGGCCAAGGCCCTGGCAAACGCACCGCCAAGTACCGCTGGTTTGTCTGCTCCTACCTGCTGTGT  
 GCTTCTGCTCTTGCCTCGCTGGTGTGGCATTTCATGGCAGGCTGGCAGGCTATGGTCCGAGTGGG  
 CACGCCCTTTGGGGCTCTACTGGCCTTTGTGGTCTTGTAAATGCTCAGAGCCGAAGTCCCGGGCAC  
 CTCCCCAAGTGGTGCAGACATGGGACTTCTACCTCGCTGGATGCACTCTTTCAGCCCTGGATGGCC  
 TTATCACAAAGAGCCACCTTGTGTATGCCAGGCCCGAGCCCCGTTACCCCAACTTCCCCCTAGAGTCTT  
 CCTGGAGGAGCTTCCCCAGCCACGCCCTCCCCCGCCTGGCACTGCCTGCTCACCACAATGCCACCCGT  
 CTCTAGGCTACAGGCCCGACTACTGCCTGGAACGAGGAGTGGTATTTTTACAATGCCACAGTAGAAAAG  
 ACAGAGCATGTGTGTGTGTGTGCACACATGTGTAGATGCGTGTCACTTGAGGTACATGCTTTTGTGCCAC  
 CCTTGGGTACCTGTGCATATTAAGGGCCACAGTGGCATGGGCTTTTGTAAATTAAGAGGTAGTGTGCACAA  
 ATACATGCTAGGTACTGAGCCTGTGTGACCATTAGAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011392

**Insert Size:** 1914 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:** [BC020529](#), [AAH20529](#)

**RefSeq Size:** 2220 bp

**RefSeq ORF:** 1914 bp

**Locus ID:** 20505

**Cytogenetics:** 13 29.81 cM