

Product datasheet for **MC201068**

Slc6a20b (NM_011731) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a20b (NM_011731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a20b
Synonyms:	AA986306; Sit1; Slc6a20; XT3; Xtrp3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013484 sequence for NM_011731
 GTCGAAAGCTGATTCCAGAGTCCTGAAAAGAAACAGTAGAAAACACAGGGGTTTGGGGGTGGGGCGCGGA
 AGAGGGCACAGGTGTTGCTCATTCTACAGTGAGAGTTGTCTCAGAAGATGGAATCACCTTCAGCACATGC
 GGTCTCCCTGCCAGAGGATGAGGAGCTCCAGCCCTGGGGAGGCGCTGGAGGACCTGGTCAGCACCCAGGA
 AGACCGAGGTCAACAGAGTGTGCCACCCTGGGGTTGTGGAGAAGGTGCGGCCAAAGTGGGACAACCCCC
 TGCAGTTCTACTTGTCTGTATCTCTATGCTGTGGGCCTGGCAATGTATGGCGCTTCCCCTACCTGTG
 CCAGATGTATGGCGGAGGAGTTTCTGGTCCCCTACATCATCATGCTCATTGTGGAGGGATGCCACTG
 CTGTACCTGGAGCTGGCCGTGGGACAGCGCATGCGGCAGGGCAGCATTGGTGCCTGGAGGACCATCAGCC
 CCTACCTCAGTGGTGTCCGCATTGCTAGCTTGGTGGTCTCGTTTTTGGCCTCTGTGTACTTCAATGTCAT
 CAACACCTGGGCTCTTTGGTACCTCTTCCACTCCTCCAGGATCCCCTGCCGTGGTCTGTCTGCCACTG
 AATAGTAATCACACAGGCTACGATGAGGAGTGTGAGAAGGCTTCGTGACACAGTACTTCTGGTACAGGA
 AAACACTCAACATCTCACCGTCCATCCAGGAGAATGGAGGAGTGCAGTGGGAGCCAGCGCTGTGCCTCAC
 CCTGGCCTGGCTGATGGTCTATCTGTGCATCCTGAGAGGCACCGAATCTACTGGCAAGTGGTCTATTTT
 ACCACGCTACTGCCTTACTTTGTGCTCATCATCTACCTGGTCCGGGGCCTCACACTCCATGGAGCCACCA
 ATGGCCTGGCATACATGTTACACCTAAGATTGAGCAGCTAGCCAACCCCAAGGCCTGGATCAATGCAGC
 CACGCAGATCTTCTTCTACTGGCTTAGGGTGTGGTGGCTGATTGCTTTTGCCAGCTACAACGAACCC
 TCCAACGACTGCCAGAAGCATGCCCTCATTGTGTCTGTCAATAGTACTACTGCCATATTTTCCAGTA
 TTGTACCTTCTCCATCTATGGCTTCAAGGCCACCTTCAACTATGAAAATGCTTAAACAAGGTGATTCT
 GCTGCTGACCAATTCTTTTGGACCTTGAAGATGGCTTTCTGACAGTCAGCAACCTGGAGGAGGTGAAGAAC
 TACCTGGCATCTACTTACCCAAACAAGTACAGTGAAGTGTTCACACATTAGAAACTGCAGCTTGGAAAT
 CAGAGCTGGACACGGCTGCCAGGGCACAGGCCTGGCCTTCATCGTCTACACTGAGGCCATTAACAAAT
 GGAAGTTTCCCAGCTCTGGTCACTGCTCTACTTCTTCAATGTTGCTAACACTGGGTATGGGAAGCATGGTG
 GGGACAGGAACGGCCATCCTCACCCCTGACTGACAGCAAGATCATCTCCAGCTACCTGCCCAAGGAGG
 CCATTTACAGTTTGGTATGCCTCCTCAACTGTGCCATTGGCATGGTGTACCATGGAGGCTGGGAACTA
 CTGGTTTGGACCTATTCAATGACTATACAGCCACGCTGTCTGTGCTCATTGTGCTGGTAGAGACCATA
 GCTGTGTGCTATGTGATGGGCTAAAGAGATTTGAAAAGTACCTTCGGGCCATGACTGGCCGCACCCCTCA
 GCTGGTACTGGAAGGTGATGTGGCGTTTGTGAGTCCACTGCTCATCGTCCGCCTCTTTATCTTCTACCT
 GAGTGACTACATCCTCACGGGAACGCTGCAGTACCAAGCCTGGGATGCTACTCAGGGCCACGTGGTACT
 AAGGATTATCCTACATACGCACTAGCTGTATTGGGCTTCTGGTAGCCTCCTCCACCATGTGCATCCCTC
 TGGTAGCCCTGGGACTTTTGTACACGCCACTTCAAGATCAGAGAACAGTTTTTCTGCAGCTGAGAACT
 GGAGGTCCACAGACTTCTGTGCTAGTACTGTTTACAGCCACTCCCTATATATCCAGCAGTGGGAGGTC
 TACAGCTGCTTTTTAAAGCCACAAGTATTTTCTGCTTCTGAATCTGCAAGGAAAATTAATTCTCTGTA
 TTAATTGTAGGCTGACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011731

Insert Size: 1908 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: [BC013484](#), [AAH13484](#)

RefSeq Size: 2213 bp

RefSeq ORF: 1908 bp

Locus ID: 22599

UniProt ID: [O88575](#)

Cytogenetics: 9 74.19 cM

Gene Summary: Does not show transporter activity with a range of tested amino acids including proline, glutamine, glutamic acid, leucine, alanine, histidine, glycine and arginine.[UniProtKB/Swiss-Prot Function]