

## Product datasheet for **MC220180**

### **Slc5a4b (NM\_023219) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc5a4b (NM_023219) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a4b
Synonyms:	2010104G07Rik; pSGLT2; SAAT1; SGLT3-b; SGLT3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220180 representing NM\_023219  
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTAGCACCTTAAGTCCCAGCATCACGCCCTCAGACTGAGGAGCCTCCTGTAGTGCCAGTGCCGATTC  
 AGAATGCTGCTGACATCTCTGTATCGTACTTTCATAGTGGTGCTAGCTGTGGGGCTGTGGTCAAT  
 GGTGAGAAGCAACCGTGGCACTGTTGGAGGCTTCTTCTGGCTGGTATGACATGGCCTGGTGGCCGATG  
 GGTGCCTCTCTTTGCCAGTAACATTGGCAGCAATCACTTCGTGGGCTTGGCTGGAACAGGAGCGGCTT  
 CAGGAATCGTATTGCAGCTGTGGAATGGAATGCCCTGCTTATGGTGTGGTCTTGGTGGGTGTTTCT  
 CCCCATCTACATCAAGGCTGGGGTGTGACCATGCCAGAGTATCTCAGGAAGCGCTTCGGTGGGAAGAGA  
 CTGCAGATCTACCTTTCTGCCTCTCCCTTTCATCATGGTGGCCCTCAAACCTCCTCAATCATATTTT  
 CCGGAGCCATATTCATTCAATTGGCCTTGGGATGAACCTCTACCTGGCTGTCTCATCCTATTGGCTAT  
 CACTGCTTTTTACACGGTGGCTGGGGTGGCCCTCAGTATCTACACAGACTCTGTGCAGACTTTTCATC  
 ATGCTGCTTGGCTCCTTAATTCTCATGGGGTTGCATTTGCTGAAGTCGGAGGCTACGAGAGCTTTACCG  
 AGAAGTATATGAATGCCATCCCCCTGTAGTGGAGGGGACAACCTGACCATCAGCCCCAAGTGCTACAC  
 TCCTCAGCCCGACTCCTTCCACGCTTCCGAGATCCAGTCACTGGAGACATTCCATGGCCGGGACTGATA  
 TTTGGAATGACCATTTTAGCCATCTGGTACTGGTGTGCCGATCAGGTCATCGTACAGCGCTGCTTATGTG  
 GTAAGAACATGTCCACGTGAAGGCCCGCTGCATCCTGTGTGGTTACCTGAAGCTGCTGCCCATGTTCTT  
 CATGGTGTGCCGGCATGATCAGCCGCTTCTGTACACAGATAAGGTGGCCTGCGTTGTACCTTCTGAG  
 TGTGAGAAACAGTGTGGCACTGCGGTGCGCTGCACCAACTATGCCTACCCACCCCTGGTGTGGAGTTGA  
 TGCTGATGGACTGCGAGGCTGATGCTGTGCTGCTGCTGCTTCTCTCATGAGCTCTCTGACCTCCAT  
 CTTCAACAGCGCCAGCACCTCTTACCATCGACCTGTACACCAAGATAAGGAAGAAGGCATCAGAGAGA  
 GAGCTCATGATAGCCGGACGGATATTTGGCATGGTCTAATCGCCGTCAGCATCCTGTGGGTCCCACTGG  
 TCCAGGTGTACAGAATGGACAGCTCTTCCACTATATTGGCTCAGTTTCTAGCTACCTTGGGCTCCCTT  
 TGGTGCAGTCTTCATGCTTGCTATCTTCTTCAAAGGGTCAATGAGCAGGGAGCATTCTGGGGGCTAATG  
 GTCGGACTTGTGGTAGGCCTTATTCGCTGATCGCTGAGTTTGTATACGGAACAGGCAGCTGCGTGGCTC  
 CCAGTAAGTGTCCAAGATTATCTGTGGAGTGCATATATGACTTTGCCATCACTCTCTTTGTGTC  
 CATAATAGTAATCTGGAGTCTCCTTCTAACGGAGCCGATTCTGATGTTACCTGTACCGCCTATGC  
 TGGAGTCTTTGGAACAACACAGAGGAGCGGATAGACTTGGATGCAGAAGAATTGGAACCAAGAAGAAG  
 CTGGTGGTGTCTTGAAGAAGATTCTGAGCAATCCCGTGGCTGTCTCAAGAGGGCATGCTGCTTATTGTG  
 TGGTTTGCAGAATACAGGGCCCAAGCTGACCAAGAAGAGGAGGAGCTCTGAGGCAGAAGTTCTCAGAC  
 ACATCTGAGAAGCCCTTGTGGAGAACCCTCATGAACATCAATGCCGCTCCTCCTGGGTGTGGCTGTCT  
 TTGTCCATGCCTATTTTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1575\\_a04.zip](https://cdn.origene.com/chromatograms/ja1575_a04.zip)

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_023219

**Insert Size:** 1983 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_023219.2</a></u> , <u><a href="#">NP_075708.2</a></u>
<b>RefSeq Size:</b>	2132 bp
<b>RefSeq ORF:</b>	1983 bp
<b>Locus ID:</b>	64454
<b>Cytogenetics:</b>	10 C1