

## Product datasheet for **MC202007**

### **Slc15a3 (NM\_023044) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc15a3 (NM_023044) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc15a3
Synonyms:	cl-1; Ci1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC051940 sequence for NM\_023044  
 GGAGATAGAACTAGGTAGCAAGGAGAGGGACCTGAGGGAAAAAGAGAGAGAGAACGACACGGGGTGA  
 AAAGAGGGCGATCAGGGTTAGGGGAGAGAGGGGAGGACAGAGGAGAGAGTCTGGGTACGGAGACAGGA  
 AGGCCAGGATGTCTGCCCTCGCGCGGAAGAGCAACCAAGCAGGTCCGGAGAGCGACAACCGCTGGTGGC  
 CCGAGGCCCGCGGGACCACGCGGTGGAGACGGACAGCTGCTGCTGCGGTGCTGCTAGTGCAGATGCTG  
 GAACGCGCTGCCTTCTTTGGTGTACCTCCAACCTCGTCTACCTCAACAGCTTGAACCTCAATTGGG  
 ACGGCCAACAGGCATCACGGGCCACACTCCTCTTCTAGGCGCCTCCTACCTGGCTCCAGTGGGGGG  
 CTGGCTGGCAGACGTGTACCTGGGACGCTTCTCACTATCTCGCTCAGCCTGCTGCTCTATCTGGCTGCC  
 TCTGGCTTGTGCTCACCACCATCACCATGATGGCCGAGATCCTTCTGTGGAGAGATGCCGAGTTGC  
 CACTGGAACCTGCCTGCCATCCTCAAGCTGCCAAGGCTCCTGGTCCAGCCCTACTGCGGACCACCT  
 CTACTTGGTGTGCTGCTCCTGGCCCTGGCTGCCAGCTCCGTGAGGACACCTCACCTCGTTCGGGGCT  
 GACCAGGTGATGGATCTCGGGCGGATGCCACCCGCGCTTCTCAACTGGTCTATTGGAGCATCAACC  
 TGGGTGCCATATTGTCCCTGTTGGTGGTGGCTTTCATCGAGCAGAACATCAGTTCCTATGGGGCTACAG  
 CATCATCGTGGGCTCGTGGCCTGGCATTCTTCAATTTTTCTTTGCCACACAGTCTTCATCACCAAG  
 CCCCCAACAGGCAGCCAAGTGTATCTATGCTGAAGCTTGCCTTCCAAAAGTGTGTCCCTGCCGGAGGT  
 CCTCTTCCAGGGACTCTGAAAGTGCCACCTGTTGCCTGACCAGAGGTCTAACGACCTGGACCTTCTCC  
 ACAAGAAGATATGGCCAACCTCCAGGTGCTGGTGAAGATCCTGCCTGTGATGGTACCCTTGTGCCTTAT  
 TGGATGGTATATTTCCAGATGCAGTCCACCTATGTCTCCAAGGTCTCCACCTCCATATCCCAACATCT  
 TCAGGACCAACCCTAACATCTCTTTGTTGCTGAGATCAGATAGCAGTAACACAGGATCCAGAGCCTG  
 GCTCCTACTGGCCAATGTTGCGGTGATCCTGATTCTGATCCCTGTCAAGGATCACTTGATTGATCCTCTG  
 CTGCTGCGGTGCAAGCTGCTGCCCTCATCTCTGCAGAAAATGGCCCTGGGCATGTTCTTTGGGTTACCT  
 CCATCATTGTGGCAGGAGTCTGGAGAAAAGACGCTTACAGTACATTGCTGCCAACAGACAGTGCCTCA  
 GCTGATTGGGAAGGACTTATACTATGCAGCGCCACTGTCTATCTGGTGGCAGATCCCCAGTACCGTCTC  
 ATCGGGGTGAGTGTGATCTTTGCCAGCATCCCAGGTCTGGAGTTGCTTACTCAGAAGCCCCACGCTCCA  
 TGCAGGGTGAATTATGGGCATCTTCTTCTGCCTTCCGGGGTGGGCTCACTGCTAGGCTCTGGTGGT  
 GGCCCTACTGTCTTTCTGGGGCTGGATGTAAGTGCCTTCCAGGACTTTGGGAACATCAACAAGTGTGAG  
 ATGGACCGTTACTTCTTCTGCTGGCCGCGATTGAGGCTGTACAGCCGCTCCTGTTTCTGATTGCTG  
 GTCGCTATGAGAGGACTCGCCAGGACCCAGCCTCCAGCGCTCGTCCAGCAGGGTCCAGAGGCTAATGGTC  
 TCCACCCACCTGACAGAGAGTGTACAGCAGTACCAGCTATGCCATTCTTTTCTATTATTCTGTAC  
 CCAACAGTAGAATGAAGTGGTCCCATAAATAAGGGGCATGCGCCCTCCCTCTTGAAAAAAAAAAAAAAAAA AAAAAAAAAA

**Restriction Sites:** AscI-NotI

**ACCN:** NM\_023044

**Insert Size:** 1737 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<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="#">BC051940</a></u> , <u><a href="#">AAH51940</a></u>
<b>RefSeq Size:</b>	2042 bp
<b>RefSeq ORF:</b>	1737 bp
<b>Locus ID:</b>	65221
<b>UniProt ID:</b>	<u><a href="#">Q8BPX9</a></u>
<b>Cytogenetics:</b>	19 A
<b>Gene Summary:</b>	Proton oligopeptide cotransporter. Transports free histidine and certain di- and tripeptides (By similarity).[UniProtKB/Swiss-Prot Function]