

## Product datasheet for **MC212992**

### Slc38a8 (NM\_001009950) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc38a8 (NM_001009950) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc38a8
Synonyms:	Gm587
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212992 representing NM_001009950 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**C

ATGGAAGGGCAGCCCAGAGGGAGCAGAGGCCCTCTGGAGAAGCCCTCCCTGCTGCCACCCATCCCCTC  
TGTCTCACTGGGCGCCGTGTTTCATCCTCTTGAAGTCCGCTCTGGGCGCCGCCCTGCTCAACTTCCCTG  
GGCCTTCTACAAGGCAGGAGGCATGCTGCCACCTTCTGGTGGCCCTGGTATCTTTGGTCTTCTGATC  
AGCGGCCCTGGTCATCCTGGGCTACGCAGCATCTGTCAAGTGGCCAGACCCTACCAGGGTGGTCCGGG  
AGCTATGTGGCCCCGCATGGGGAAGCTGTGTGAGATCTGCTTCTGACCAACCTGCTCATGATCTCTGT  
GGCTTCTCAGAGTGATCGGGGACCAGCTGGAGAAGTTGTGTGACTCCCTCCTGCCTGACGCCCCACAG  
CCTTGGTATGCAGCCCAGAATTCAACCTGCCCTGATCTCCATGCTGGTCATCTTCCCTGTCAGCAC  
TTCGGGAAATTGCCCTCCAGAAGTACACCAGCATCCTAGGTAAGTCTGGCTGCCTGCTACCTTGTCTGGT  
CATCACGGTGAATACTACCTGTGGCCCCAGGGCCTCATACGCCAGCCCGGTCTTTGCTGAGCCCGTCT  
CCCTGGACCTCTGTGTTAGCGTGTTCCTACCATCTGCTTGGATTCCAGTGTATGAGGCCCGCTCT  
CCATCTACTGCAGCATGTGGAACAGAGCCTCCCACCTGGACCCTGGTTTCTGTGCTGCTTGGC  
CTGCTGCCTTGTCTACAGCTGACAGGGTTTATGGCTTCTGACCTTCGGCCCTGAAGTTTCTGCTGAT  
ATCTTAATGTCTACCCAGCAATGACACAGCCATCATCGTAGCACGCGTTCTCTTTGCGGTCTCCATTG  
TGACTGTCTACCCATTGTGCTATTCTGGGGAGGTCTGTGATGCAGGACTTTTGGAAAAAGAGCTACTG  
GGCCACAGGGGGCCTCCAGTGTGGCTGACCCCTCAGGGCCTGGGTTCCGGCTGCCTCTGACCTTCTG  
TGGGTGGTGGTGACGCTCACCATGGCTCTGTTCTGCCGACCTCAGCGAGATCATTAGCATATTGGT  
GTGTCAGTTCTTCTCATCTTCTCCAGTTTGTGTCTCATCTGTGCTGTGGACACGGAACCCAT  
GGGACCAAGAGTCAAGTGTGCCTGGAGCCTGGGCATCCTCTGTGCTGGTGGGCACTTTCATCTTT  
GGCAGAGCACAGCGGTGCCATGGTGGAGCTGCT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_001009950
<b>Insert Size:</b>	1299 bp
<b>OTI Disclaimer:</b>	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_001009950.1</a></u> , <u><a href="#">NP_001009950.1</a></u>
<b>RefSeq Size:</b>	2648 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	234788
<b>UniProt ID:</b>	<u><a href="#">Q5HZH7</a></u>
<b>Cytogenetics:</b>	8 E1
<b>Gene Summary:</b>	Putative sodium-dependent amino acid/proton antiporter.[UniProtKB/Swiss-Prot Function]