

Product datasheet for **MC216065**

Slc38a11 (NM_177074) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc38a11 (NM_177074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc38a11
Synonyms:	9330158F14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216065 representing NM_177074
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCTATCAGCAGCCACAGCTGAGCGGTCTCTGCAGAGAGAGACAGACTCGAGTGACAGAGAAAGCC
 TGATCTCCGGACATGAACACGGAGGAAATCTAGTCAGTCTGCCGCTGTTTTCAATGTAGTCAATTCTGT
 TATAGGATCTGGGATAATAGGATTGCCTTATTCAATGAAGCAAGCTGGATTTCCCTTGGGAATACTGCTT
 TTATTCTTGGTCTCATACATCACAGACTTCTCCCTAGTTTTATTGATAAAAGGAGGAGCCCTCTCTGGAA
 CAGACTCTACCAGTCTTTGGTTAAACAAGACCTTTGGCTTTCCCGGTACCTGCTGCTCTCTACCCTACA
 GTTTATGTACCTTTTATAGCTATGATAAGTTACAACATAATAACTGGAGATACTTTGAGCAAAGTTTTT
 CAAAGACTCCAGGAGTTGACCCTGGAGGTTGGTTTATTAGTCGGCACTTCATTATTGTGGTTTCAACGG
 TTACATGTACTCTGCCATTGTCACTGTACCGAGATATAGCAAAGCTTGAAAAGATCTCTTTCATCTCTAC
 AATTTTAAACAAGTGAATTCTTGAATCGTAATGACAAGGCCATTTCTTGGGACCAACATACCAAAG
 ACAGACAATGCTTGGGTGTTTGCAAAGCCAATGCCATCCAGGCTATTGGGGTGATGTCTTTTGCCTTCA
 TTTGCCACCATAACTGCTTCTAGTCTATGTTTCTCTCGAAGAGCCACAGTAGCGAAGTGGCGCCGGAT
 TATCCACACATCCATCTTGGTTTCTGTATTCTGTGTGCTCTTTGCAACGTGCGGGTACTTCACTTTT
 ACTGGCTTCACTCAAGGAGACTTGTGTTGAAATTAAGTGCAGAAGTGATGACCTGGTGACCTTTGGGAGGT
 TTTGTTATGGTATCACTGTCATTTTGACTTACCGATTGAATGCTTTGTGACCAGAGAGGTAATTGCCAA
 TGTGTTTTTGGTGGGACTCTTTCATCAGTGTTCCACACCGTCTTAGCAGTGCTTATCGTTACTGCAGCC
 ACAGTGGTATCATTGATGATTGAGTGCCTTGAATAGTTTTAGAACTCAATGGTGTGCTCTGCGCGGCTC
 CTTTGATTTTTATCATCCCTCAGCTTGCTATCTGAAATTATCCGAAGAACCAAGGACACATTCCGATAA
 GATAATGGCCTGTGTCATGTTTCCCGTCGGGCGGTGGTGATGGTGGTAGGCTTCGTCATGGCTATCACA
 AATCCTCAGGACTGCACCCACGGGAGGAAATGTTCTACTGCTTTCTGAAAATGTCTCCTTCACAAACA
 CCTCCTGGTCTCATCTTCAACTGACAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_177074
- Insert Size:** 1362 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_177074.2 , NP_796048.2
RefSeq Size:	1606 bp
RefSeq ORF:	1362 bp
Locus ID:	320106
UniProt ID:	Q3USY0
Cytogenetics:	2 C1.3
Gene Summary:	Putative sodium-dependent amino acid/proton antiporter.[UniProtKB/Swiss-Prot Function]