

Product datasheet for **MC202964**

Slc39a11 (NM_027216) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a11 (NM_027216) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a11
Synonyms:	1810074D23Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC019647 sequence for NM_027216
 CAGGAAGTGACCGCGAGAGTGGAGCCGGGCGAGCGAGTGGCATCGGGGGCTGATGGAAGTGGAGAGGGGG
 CTGGAGAGGGCACCCTATATCCAGCATGCTCCAAGTTACAGCTCCGTGGTCCAGGCCTTGTGGGGACC
 TTCTTACCTGGGCAATGTCAGCAGCCGGGGCAGCTCTCGTGTTCAATTTCTCCAGCGGGCAGAGGGGA
 TCTTAGACGGAAGCCTGGGCTTTGCCGAGGGGTATGTTAGCGGCTTCTACTGGTCCGTGCTTGCACC
 AGCGGTGGAGATGGGACATCCTCGGGGGCTTCGGAGCCTTTCCTTCTCCAGTGGCTGTTGGCTTC
 ACCCTGGGGCCGCTTTGTCTACCTGGCTGACCTCCTGATGCCTCACCTGGGTGCTACAGAAACCCCC
 AGACAGCCCTGGCGCTGAACTTGGACCCTGCATTGATGAAGAAGTCTGATCCCAGGGACCCCACTTCGCT
 GCTCTTCCCGGAGAGTGAACCTTCCATCCGGATAGACAAGCGTGAGAATGGCGAGGTATACCAGAGGAAG
 AAGGTGGCAGCTACTGACCTCGCAGAGGGCGTGGCCCCCTCAGGATCAATGCACGGGAGCTCAGGGCAGC
 CTGGGGGAGCAGCTGGAGGAGGATTGCTTTGCTCATCCTGGCCATCACCATACACAACATTCCAGAGGG
 TCTTGCTGTTGGCGTAGGATTTGGAGCAGTAGAAAAGACTGCATCTGCCACCTTCGAGAGTGCCAGGAAT
 CTGGCCATTGGAATTGGGATCCAGAATTTCCAGAGGGCCTGGCTGTCAGCCTTCTCTGCTGGAGCAG
 GCTTCTCTACCTGAAAGCTTTCTGGTATGGACAGCTGAGCGGCATGGTGGAGCCCTTGGCTGGGGTCTT
 TGGAGCATTGCGGTGGTACTGGCTGAGCCATCCTGCCCTATGCACTGGCCTTTGCTGCTGGTCCATG
 GTCTACGTGGTATGGATGACATCATCCCCGAGGCCAGATCAGTGGCAACGGGAAGCTGGCATCCTGGG
 CCTCCATCCTGGGATTTGTGGTATGATGTCCCTTGTGATGTGGGCCTCGGCTAGCTCTGACAAACCGTGGG
 ACTCCGTGAAGGAAAGCACCAGGCTTCTGTAGGACCATGAGCCTCTCCTCACATTACAACCCGGTTCCTT
 TCTCCCTCCGTCTCCTTACCCAAATCAGCTCTGATCACATTTTACTCTTCTGTTTTGCTTTGGAGGGA
 GACGCTGGTTTTCTTTGTAATCTCAAGGTGTATAGAAGTGTAGATTTGTGTGGGACCCTGAGTGGAA
 GGCATCTTTCTTCAAGTGGGATTGTCAGGCTAACCCCTACTTGTCCCACCTCCAGTCTCCCTCACTAGAC
 TCAACTTCAACACCTCAGGGTCACTCCAGAAGTCACTCCTGGGCTAGAAGTCTGAGCATGTTGGCCT
 GAGGTTTTGGAGCAGGCTGCCAGGGCTCCTTGTCTCCTTCTCCATAGACCCTCTGTCCACCTAGAATTC
 TGGGACAGAAGCCACATGAACCCAGAAGCCTGCTTTCTGAGGCTGAGCCATCTAAACAGGGTCTGCTTC
 CTCTAGGAGGCATGCGCGGGAGGACCCACACCAAGGGAAGGAAGGCAGCTTGTCTCTCGCCTTTGTC
 CTAAGACAAGGATTGGCATTGCTGATGTTAGAGCAATATGGAATGAGGGTGACCATGAACACGCAGCGC
 TCTTTGAAGAGCACTGTAAGCAGGTTTTAAGCCGAGCTTCCCCGTGCCCGGGCTCTTTGTAGATGAC
 AAGAGCAGGCACCTTGTAGTGGCTCCAGATCTCCTAGCTATTAATCTTGATGTGTTACAGCCTTTGTT
 TTTCTGAGAGACTTGTGGATACCAGCAATGGCAATAGTCAACCCCTCATTGACTAACAGGGTACTT
 CAGTCAACTCTAGGAATGATATTCAGGGCCTAACAAAGGCTCCTTCTCTGCTGGCCACTTGGAACTTAT
 TACCCAGAGCCCCTCAGTTCAGCGGGCTTTGTGGGAATCTGGCCAGCGGCTTCTAATGGGAAAGGAAG
 GGGGCTGGGGCAAGAAGAGGTATTTTTACATTCCTTTCTAAAAAACTTAAACTTCTGAGATGACTGG
 ACCTAGACTACATGCTAACCTACCCATCATACATGTAGCTCCGCCATCCGCTCTCCCAACGCATCTGAG
 CCCTCCATGGCTGAGAAGCATGTGGGACTCAGAGAACAGACTCTACCCAGAGCCTGGCATTGGGTA
 GACTGGGCTATCAGTATCTTGCCTCTGTGTTTACATGTTCCGTCTCTCAAGGATGGATATTGTAGTCTG
 TGAATGCTCAAGACCCAGAGGCCAACCTCGGCGGGGTGTGTCCATTCTCTGACGCACTGGTGTATCAA
 GGCTTCAATCACACATTAAGCCATATTCAGAGATTTGATTATCTGGTGGGTTAGCTGGTGTGGTATT
 GGCAGTGGCGTATATATTTTATTCTTAGGTCTCCATGTGTAGTCTGTTGCTGCAAAATCATGCTTTCTG
 CCGGATAAGACCTCGTACTGTGATTAATGTCAATAAAGGGAATTTTGTGCGCAAAAAAAAAAAAAAAAAA AAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_027216
- Insert Size:** 1008 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: [BC019647](#), [AAH19647](#)

RefSeq Size: 2671 bp

RefSeq ORF: 1008 bp

Locus ID: 69806

UniProt ID: [Q8BWY7](#)

Cytogenetics: 11 E2

Gene Summary: Functions as a cellular zinc transporter.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.