

Product datasheet for **MC213104**

Slc35g1 (NM_175507) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35g1 (NM_175507) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc35g1
Synonyms: AA590464; D330039I19Rik; Tmem20
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213104 representing NM_175507
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGCCCCGGAGAGCGGGCGGAGCTTGCAGCCGAGGCGGTGGAGCTGCGCGAGCCCGAGCTGCAGC
 TCGCGGACCCGGCGTCCCCGGCGAGGAGCACGTGGACGTCGAGGCGGAGGGCGCCCTGGCCGCGGCAG
 GTGCTGGCCGTGTGGAGCCTGGGCGTGGCGCTCGCGTGGGAGCCCAAGCCAAGAAGAAAGCACCTGC
 CCCGACTTGGCTTGTTTACACGGTGTGTCTGCCTTCTTTCTCAGTGGCCTCTTTATTTGTTAAAA
 AAGTGCAAGGCGTCCATGCTGTAGAGATCAGTGCCTTCGATGCGTGGTCCAAATGCTAGTTATTATCCC
 TTGCTTAATATACAGAAAAACGGGGTTCATAGGTCCCAAAGGCCAGCGACTCTTCTCTTCTCAGAGGG
 GTCTTTGGTTCAGTGCCATGATCCTCATGTTATGCGTTCAGACAACGTCCTCGCAGACGCCACAG
 TTATTGCGTTTAGCTGTCCCGTGTTCAGTCCATATTTGCTTGGATATTTCTCAAGGAAAAGTATAGCCT
 CTGGGATGCTTTCTTACCTTGTTCGAATCGCTGGAGTGATACTTATCGTGAGACCACCATTTATATTT
 GGTTCCGACACTTCAGGGATGAGAGAAAGCTATTCAGAGCACATTAAGGGGACGTTTGTGCGATCGGAC
 ACGCTGTGCTAGCTGCGATCACTCTGGTTATTCTGAGGAAAATGGGAAAATCTGTGGACTACTTTGTGAG
 CATCTGGTACTATGTCATACTTGGCCTTCCCGAAGCCATCATCCTCTTTGTCATAGGAGAGTGGAGT
 CTGCCCTACTGTGGGCTGGACAGGCTGTTTCTCACTACTTGGACTCCTAGGTTTGGGGGTCAGATAT
 TTACTACTAAAGCAGTTCAAATAGAAAAAGCAGGACTCGTAGCGATAATGAAGACCATGGATATAGTCTT
 TGCTTTTCACTTTTCAAGATTGCTTTCTTTGATAATGTACCAACTTGGTGGACGGTGGGTGGGGCCCTCTGT
 GTGGTGGTCAGCACCCTGGAGCAACCATTGTCGATGGCTGCAGGGTTCCAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175507



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Insert Size:	1107 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:	<ol style="list-style-type: none">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:	<u>NM_175507.3</u> , <u>NP_780716.1</u>
RefSeq Size:	3471 bp
RefSeq ORF:	1107 bp
Locus ID:	240660
UniProt ID:	<u>Q8BY79</u>
Cytogenetics:	19 C3
Gene Summary:	May play a role in intracellular calcium sensing and homeostasis. May act as a negative regulator of plasma membrane calcium-transporting ATPases preventing calcium efflux from the cell (By similarity).[UniProtKB/Swiss-Prot Function]