

Product datasheet for **MC205608**

Slc46a3 (NM_027872) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc46a3
Synonyms:	1200006F02Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>BC006902 TGATGATGCTCGGCGGCCGAGTCACCACTAGGGCCCAAAGACCAAGAGTGCGGCGGCGCGGGGAGCGGCG GGGACTGAGTCCAGGGCCAACAGAGTCCGGGAGACTCGATCTGCCCACTTGAGCAATATGAAGATTTTCAT TCATAGAGCCCGCCATTCTCCTGAACGCGTTTGCTATGACTCTGACCATCCCGCTGACAGCGCAGTACGT GTACCGGAGGATCTGGGAGGAAACCGTAACACACCTTTGCTTCCAATAGCAATGGCTCTGAGTGTGAC CAAAACAAAGCAGCTCCATCTTTGCATTCCGGGAGGAAGTTCAGAAAAAGGCATCTCTTTCAACCTGC AGGTGGAATGAGTGCCTTAATTCCTGGTCTGGTGTACCTTCATGCTTTTAGCGAGCAGCGACAACCA CGGACGGAAACTTCCCATGGTCTGTCTCTTTGGCTCTCTGGGTACCAACACTTGGCTGTGCATGATG TCCTACTTTGACCTTCTCTCCAGCTTCTGATAGCATCCACCTTTATTGGCGCCCTCTTTGGGAATTACA CCACGTTCTGGGGAGCTTGCTTCGCCTACATTGTGGATCAGCAGAAAGAATACAAGCATAGAATCATCCG CATAGCCATCCTGGATTTTCATGCTTGGAGTCGTTACTGGGCTAACAGGCCTGTCTCTGGCTATTTTATC CGAGAACTGGGTTTTGTGTGGTCTATTTTATAACTGCCATGGTTCTTATAGTCAACCTGGCTACATTT TATTTTTCTCAATGATCCCATAAAGGAGTCTTCATCTCAGATTGTGACTATGTCATGTATCGAAAGCCT TAAGGACCTATTTACCGGACTTACATGCTTTTTAAAAATGGTTCCAGTAAGCGGCAGGCTTTGCTTTGT CTGCTGATTTTTACCTTGTCTTTATTTCTTTGTGATAATCGGAATCTCCCAATTTTTACACTTTATG AGCTGGGCCCTCCGCTCTGCTGGAATGAGGTTTACATAGGCTATGGTTCAGCTCTGGGCAGTGTCTCCTT TTTAAGTAGTTTCTAGGCATCTGGCTATTTTCTATTGTTTGAAGGATATTCACATTGCCTATATTGGC ATTTTTACCACCATGGTGGGATGACGCTGGCTGCCTTACCAGGACCACTCTAATGATGTTTTAGTCA GGATTCGTTTCATTTTACCATCATGCCACTTTCCGTCCTGAGGTCCATGCTGTCAAAGGTGGTCCACTC GACTGAGCAAGGTGCGTTGTTTGTGTATAGCTTTCTTAGAAACGCTGGCTGGGGTCACTTCGACCTCT GCGTACAGTGGGATTTACTCAGCCACTGTTGCCTGGTACCCTGGCTTCATCTTCTGCTGTCCGCTGGCC TCCTGGTCTCCCAGCCATCAGTCTATGCTGCGTCAAGAGCATTGGCTGGGAAGAGGGAAGTACACACT CCTCGTCCACGAAGAACCAGTGAGCACACATCAGACTAGTGACAGTGGCAGCAATGCACACGTCCTTA TGCAGTGAGCACACATCAGACTAGTGACAGTGGCAGCAATGCACACGTCCTATGCAGTGAGCACACAT CAGACTAGTGACAGTGGCAGTAATGCACATGTCCCTATGCAGTGAGCACACATCAGACTAGTGACAGTC GGCAGCAATGCACACGTCCTCTGCGCAACTCCTGAAGAATATAAACTCCACAATCGCATTTTCATCAGCA ATCCACAGGACAAAACCTGTCTCTAACCCAAGTGAGTCGGGAGGAAGGCACCCAGCTCTGCTGCTTCT TGGGACCACCCAGCAGCACACTGTGTTCTACAGAGAACAGGCCACGACCTACCATGCTCACTTCTCCAT GGACCAGAGAAACCCGTGAAGAGCCGAGGAAGGCTTGTGAACCTTGTAAAACTTAAAGCAATAAATT CACTGGCATGCTCCAGTCTCCATGTGATTGAGGAGTCTGACCTCAGTCTCTCCGTCTGCACAATGGGC TTGCTGGCCTCTCAGGGATTTTGAAGACATAATGAGGAATTTTATTGAGAATAATCACTGTTGAATAA TGTTTCAGGCATTTCTAGTTCTTCCATACCTTGACTGATGTTTAAAGAGCCTGTTAAGGCTCTACTAATG GAATGAAAAGTCCTTGAACAGAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_027872
Insert Size:	1383 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:	<u>BC006902</u> , <u>AAH06902</u>
RefSeq Size:	2214 bp
RefSeq ORF:	1383 bp
Locus ID:	71706
UniProt ID:	<u>Q9DC26</u>
Cytogenetics:	5 G3