

Product datasheet for **RN206091**

Slc39a6 (NM_001024745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a6 (NM_001024745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206091 representing NM_001024745
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCACAAATTTATCTGTAATCATGATCTTGACCTTTGCCCTTGGGTTACAAATCCCCTTCATGAAC
 TACAATCAACAGCTGCTTCTCTCAGACCACTGAGAAAATTAATTCAAATTGGGAATCTGGCATTATGT
 TGACGTGGCAGTTACCATGCAGGCACATCATCTGCAACAGCTTTTCTACCGCTATGGAGAGAATGACTCC
 TTGTCAAGTTGAAGGCTTCAGAAAATTAATTCAGAACATAGGCATAGATAAGATTAAGAGTCCACATAC
 ACCATGACCACGAGCGCCACTCTGACCACGAGCGCCACTCTGACCACGAGCGCCACTCCCACCGAGGTCA
 TGCTGCCGCTGGGAAAAACAGTCGGAAGCCTTTTGGCCAGACCTTGACTCTGATAATTCAGGTAATAAT
 CCGAACACCAGCAAGGTAAGGATCTCGCCAGCAGAGCATGTGAATGGCAGGAGGAATGGCAAGGAGA
 GTGCAAGCTCTAGTGAAGTGACCTCGGCAGTTTACAACACTGTCTCTGAAGGAACACTCTTCTAGAGAC
 AATAGAGACTCCAAAACCGGGAGACGCACCAAGATATAAACCTTCTACCCACCCAGCATCACAGAG
 AAGAGCCGAGTGGCCCGCTGAGCCGACTAGCTAGGAGGAAAGGCAACGATTCTGTGAGTGAGCCAGGA
 AGAGCTTCATGTATTCCAGAACCTCAAATGACAATATCCAGGAGTGCTTCAATGCAACAAAACTGCTGAC
 ATCCCATGGCATGAGCGTCCAGGCTCTGTTGAATGCAACAGAGTTAACTATCTCTGTCAGCCATTATC
 AATCAAATGTAGCTCGGTCTTGTCTGATTACACAGCAAGTGAGAAGAAGGCGGAAATCCCTCAAAGA
 CCTATTCTTTACAAATAGCCTGGCTCGGTGGCTTCATAGCCATTTCCATCATAGTTTCTGTCTCTGCT
 GGGAGTCATCTTGGTGCCACTCATGAACCGAGTGTCTTCAAGTTCCTGCTGAGCTTCTCGTGGCGCTG
 GCCGTGGGACTCTGAGTGGCGACGCTCTGTTACATCTTCTCCACATTTCTCATGCAAGTCATCACCACA
 GTCATAGCCATGAAGAACCAGCAATGAAATGAAAAGAGGTCCCCTGTTACAGCCACTCTCGGCTCAGAA
 CCTAGAAGAAAGCTCCTATTTTATTCCAGTGGAAAGGCTGACGGCTTAGGGGGCTTATATTTTCATG
 TTTCTTGTGGAACACGTCCTCACGCTGATCAAGCAATTTAAAGATAAGAAGAAGAAGTCAAGAAGAAC
 CTGAAAATGATGAGGATGTGGAGAGCAAGAAGCAGCTGTCAAATACGAATCTCAGCTTTCCACAAACGA
 AGAGAAGGTGGACACAGGTGAACGACCTGAAAGCTATCTGCAAGCGGACTCCCAAGAGCCCTCCCCTTT
 GATTCCCAGCAGCCACGCTGTTGGAAGAGGAAGAGGTGATGATAGCCACGCACACCCACAAGAAGTCT
 ACAACGAATACGTGCCAGGGGCTGCAAGAACAAGTGCCACTCACACTCCACGACACGCTGGGCCAGTC
 TGACGACCTCATTACCACCACCAGACTACCACCACATTTGCACCACCACCACCAGAACCCACCAC
 CCCACAGCCACAGCCAGCGCTACTCTCGGGAGGAGCTGAAGGATGCTGGCATTGCCACGTTGGCCTGGA
 TGGTGATCATGGCGATGGGCTGCACAATTTACGCGACGGCTTGCCATCGGTGCTGCTTCACTGAGGG
 TTTGTCCAGCGGGCTAAGCACCTCTGTCGCTGTGTTCTGTGTCATGAGCTGCCTCATGAACTCGGTGACTT
 GCTGTTTTGCTAAAGGCTGGCATGACCCTCAAGCAGGCAGTGCTCTACAATGCCCTGTGACCCATGCTGG
 CCTATCTTGAATGGCAACAGGGATATTCATCGGGCATTATGCAGAAAATGTTTCCATGTGGATATTTGC
 CCTCACTGCTGGCTTGTTCATGTATGTCGCTCTGGTCGACATGGTACCCGAGATGCTGCACAATGATGCC
 AGTGATCACGGATGCAGCCGCTGGGGATATTTCTTCTGCAGAATGCTGGGATACTTCTGGGTTTTGGAA
 TTATGTTACTCATTTCATATTTGAGCATAAAAATTGTGTTTCGTATAAATTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001024745

Insert Size: 2226 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_001024745.1</u> , <u>NP_001019916.1</u>
RefSeq Size:	3060 bp
RefSeq ORF:	2226 bp
Locus ID:	291733
UniProt ID:	<u>Q4V887</u>
Cytogenetics:	18p12
Gene Summary:	May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]