

Product datasheet for **RN213189**

Slc27a6 (NM_001106145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc27a6 (NM_001106145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc27a6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213189 representing NM_001106145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCTGTCATGGCTCACAGGATTTGGGGCTGGACTGCTCTCCCTCCACTTCGTGCAGAACTTCTGT
 TCCCGTACTTCTGGGATGACTTGTGGTTCTTGCTGAAGTTGGTGCGGTATGGAATTCAGATGGAGATATA
 CAAACTGAGGGGTGAGCTGGTCACGGTCTGGATAAGTTCCTGAGCCATGCCAGGAGGCAGCCAAAGAAA
 GCCTTCATCATCTATGAGGGGGATGTGTACACCTATGAGGATGTGGACAAGAGGACCAACAGAGTAGCCC
 ACGCCCTCTGAACCACTCCGACCTGAAAAGGGGGACGTTGTAGCTTTGTTGATGAGTAACGAGCCCGA
 CTTGTTTCATGTGTGGTTTGGCCTGGCTAAGCTGGGCTGCGTGGTGGCCTTCTCAACTCCAACCTTCGC
 TTCGAGTCCCTCCTACATTGCATCCGTACCAGTGAACCCAAAGCCATGGTGGTGGCGAAGATTTGCTTG
 GAAGCCTAGAAGAAATCCTTCCAGCCTCCGAAACATATCAGGGTTTGGGAATGAAGGATTCTGTTC
 AGAAGGTATAGTTTCACTCAAAGAAAAGCTGAGCCTTGCCTCTGATGAGCCAGTACCACCAAGCCATCAC
 GTCACCTCAAGCCTTAAGTCTACTTGCCTCTACATTTTTACCTCTGGAACAACAGGTCTACCCAAAGCAG
 CTGTGATTAGCCAGTTCCAAGTGTGAAGGGATCTTTTGGGCTATGGCGCTTTGGCTGTACAGCTGATGA
 CATTGTTTATATAACCTCCCTCTGTACCATAGCTCAGGGGCTCTCCTTGGAAATGGTGGATGTGTTGAG
 TTGGGTGCCACGTGTGTGCTAAAGAAGAAATCTCTGCGAGCCAGTTTGGAAATGATTGCAGGAAGTACA
 ACGTGACTGTGTTTCAGTACATCGGGGAGCTTTGCCGTTATCTGTGTAACAACCTCAGAGAGAAGGGGA
 AAAGGACCATCGGGTGCCTTTGGCAGTTGGAACGGTATGAGTAGTGATGTGTGGAGACAATTTTTAGAC
 AGATTTGGAAACATTAAGATGTGTGAATTTACGGAGCTACCGAAGGAAACATATGTTTCATGAACCACA
 CTGGGAAGATTGGATCTGTGCGGAGAGTGAACCTCTTCTACAATCTTTTCTCCTTTGAGTTGATAAA
 GTATGACTTTTCAGAAGGATGAACCATTGAGGAACGAACAAGCTGGTGCTACTGTGTGAGAAAAGGAGAA
 CCTGGTCTCCTTGTTCCTGTGAACAAGAAGAAATCCTTTCTTTGGCTATACTGGCTCATACAAGCAAA
 CGAAAAGCAAGTTGCTTTTTGATGTTTTAAGAAGGGGGATGTTTACTTCAACACAGGAGACCTAATGTT
 CCAAGATCATGAGAACTTCTTTATTTTTGGGACCGTATTGGAGACACTTTCAGGTGAAAGGAGAAAAAT
 GTCGCAACCACAGAGGTGGCCAATGTGCTTGGAAAGTTGGACTTTATACAGGAAGCAAACGTGTACGGTG
 TGCCCGTGCCAGGTTATGAAGGAAAAGCTGGAATGACTTCCATTATCTAAAACCAAACAAGTCTTTAGA
 CTTAGAAAAAATGTATGACCAAGTGGTACATCACTACCAGCTTATGCCTGCCACGTTTCTAAGAATT
 CAGGACAAAAATGGAGACAACAGGGACATTAAGCTAAAGAAGTTGCAGCTGGTGAAGAAGGATTTAATC
 CGCTGAAGATTGCTGACCACTTTACTTTATGGATAACTTGAAGAATCTTATGTTCCATTGACCCAAGA
 GATTTATAATCAGGTAATGTTAGAGGAGCTTAAGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106145

Insert Size: 1860 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: [NM_001106145.1](#), [NP_001099615.1](#)

RefSeq Size: 2603 bp

RefSeq ORF: 1860 bp

Locus ID: 291582

Cytogenetics: 18q12.1