

Product datasheet for **RN205784**

Slc7a6 (NM_001107424) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc7a6 (NM_001107424) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc7a6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205784 representing NM_001107424
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCCAGGGAGCTTGGGAGCCCCACACCTACCTACCATCTTCTCCCAAGGCCAACCAGCACACTG
 TGAAAGAAGATGCCAGCTCACCTCTCAAGGGTCTCCAGAACTATGCAGCTGAAGAAGGAGATCTCCTT
 GTTGAACGGGGTCAGCCTGGTGGTGGGCAACATGATTGGCTCAGGGATCTTTGTCTCACCAAGGGTGT
 CTAATAATACTGCTTCCTATGGTTGTCACTTGTAGTGTGGCCATTGGTGGGCTCTTCTGTGCTGG
 GTGCCCTCTGTTATGCAGAACTGGGACCCTATACCAAGTCAGGGGCTAGCTATGCTTATATTCTAGA
 GGCCTTCGGGGCTTCATTGCCTTTATCCGTCTGTGGTCTCACTTCTAATTGTTGAGCCACCAGTCAG
 GCCATCATCGCCATCACCTTCGCAACTACATCATAAAACCTCCTTCCCACTGTGATCCTCCGTATG
 TGGCCTGCCGTCTCCTCGCTGCTGCCTGCGTATGTCTGCTGACATTTGTGAAGTGTGCCTATGTCAAGT
 GGGCACACGAGTACAAGACAGTTCACGTATGCCAAGGTCCTGGCACTCATTGCCATCATAATCATGGG
 CTTGTAAACTGTGCCAGGGACATACTAGCACTTTTCAAGGACGCTTTAAAGGTTCTCGTGAATGTGG
 GAGACCTCTCTTGGCCTGTACTCTGCCTCTTCTTACTCAGGTTGGGACACCTTAATTTGTAAC
 AGAAGAAATCAAAAACCCAGAAAGGAATTTGCCCTTGGCATTGGGATTCTATGCCAATTGTGACACTC
 ATCTACATCCTGACAAACGTGGCCTATTACACAGTGCTGAACATTCAGGATGTCCATAAGAGTGACGCAG
 TGGCTGTGACATTTGCTGACCAGACATTTGGCATGTTCAAGTGGACCATCCCCATTGCCGTTGCTCTGTC
 CTGCTTTGGGGGCTAAATGCATCCATTTTGTTCATCAAGTTGTTTTCTGGGGCTCTCGTAGGGG
 CACCTCCCGAACCTTCTGTCCATGATCCACATTGAGCGCTTTACACCTGTGCCTGCGTTATTGTTCAATT
 GCACCATGACACTTATCTACCTCGTTGTGAAGGACGTTTCTGCTCATCACTACTTCAGTTTCAGCTA
 CTGGTTCTTTGTGGGCTTGTCTGTTGTTGGACAGCTCTACCTTCGTTGGAAAGAGCCTGACTGGCCTCGA
 CCTCTCAAGCTGAGCCTCTTTTTTCCCATCGTGTCTGCATATGTTCTTGTCTGTTGGTGGCCGTACCCC
 TCTTCAGTGACACCATCAATTCCTCATTGGCATTGGGATTGCCCTCTCTGGGGTCCCTGTCTACTTCAT
 GGGTGTTCACCTGCCAGAGGCCCGGAGGCCACTCTTCATTAGGAAAGTTCTGGCTACTGTACCAGAGTA
 ACCCAGAAGCTTTGCTTTTGCCTTGTACTGAGCTAGATGTAGCTGAAGAGAAAATGTTGAGAGGAAAA
 CTGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107424

Insert Size: 1548 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_001107424.1](#), [NP_001100894.1](#)

RefSeq Size: 3652 bp

RefSeq ORF: 1548 bp

Locus ID: 307811

Cytogenetics: 19q12