

Product datasheet for **RN210166**

Slc6a2 (NM_031343) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a2 (NM_031343) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a2
Synonyms:	Net
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210166 representing NM_031343
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGACGCGCACCCGGGAGACTTGGGGCAAGAAGATTGATTCCTGCTGTCTGTGGTGGGCTTCGCAG
 TGGACCTGGCCAATGTGTGGCGCTTCCCTATCTCTGCTACAAGAATGGTGGTGGTGCCTCCTGATTCC
 ATATACTGTTCTCATCATTGCTGGGATGCCTCTGTTTTACATGGAGCTGGCTCTGGGCGAGTCAAC
 CGGGAGGGGGCAGCCACAGTGTGGAAGATCTGCCCTTTCTTCAAAGGAGTGGGCTATGCTGTGATCCTCA
 TTGCCCTCTATGTTGGCTTTTACTACAATGTCATCATCGCCTGGTCACTGTACTACCTCTTCGCGTCCTT
 CACCTTGAACCTGCCCTGGACCAACTGTGGCCATGCCTGGAACAGCCCCAACTGTACCGACCCAAACTC
 CTAACGCCTCGGTGCTGGGCGACCATAACAAATACTCCAATAACAAGTTCACACCGGCTGCAGAGTTTT
 ATGAGCGTGGTGTCTACACCTCACGAGAGCAGTGGGATCCATGACATCGGCCTGCCCCAGTGGCAGCT
 GTTGCTATGCCTGATGGTCGTTATCGTTGTCTGTATGTCAGCCTCTGGAAGGAGTGAAGACATCGGGA
 AAGGTTGTCTGGATCACAGCCACCTGCCTTACTTTGTCCTCTTTGTGCTCCTGGTTCATGGCGTCACTC
 TGCTGGTGTCTCCAATGGCATCAACGCCTACCTGCACATTGACTTCTACCGCCTCAAGGAGGCCACGGT
 ATGGATCGATGCTGCAACCCAAATATTCTTTCCCTGGGAGCTGGATTTGGAGTCTTGATTGCATTTGCC
 AGTTACAATAAATTTGACAACAAGTGTACAGGGATGCCTTGCTGACCAGCACCATAACTGTGTTACCA
 GTTTTATTTCTGGATTTGCCATTTCTCCATCCTTGGTTACATGGCCCATGAACATAAAGTCAAGATTGA
 GGATGTCGCCACTGAAGGAGCTGGCCTTGATTTGTCTGTATCCAGAAGCCATTTCTACTCTGTGCGGA
 TCCACGTTCTGGGCTGTCTGTTCTTCTGTATGCTCCTGGCTCTGGGGCTAGATAGCTCAATGGGAGGCA
 TGGAGGCAGTCATCACCGGACTGGCTGATGACTTCCAGTCTGAAAGCAGACCCGAAAACCTTTACATG
 TGCTGTACCCCTCGGTACCTTTCTTCTGGCCATGTTTTGCATAACGAAGGGAGGGATTTACGTCCTCACT
 CTGCTGGACACCTTCGCGGCAGGCACGTCCATTCTCTTTGCCGTGCTCATGGAGGCCATTGGAGTTTCTT
 GGTTTTATGGCGTGGACAGGTTACAGCAATGACATCCAGCAGATGATGGGGTTTAAGCCAGGCCTGTACTG
 GAGACTGTGTTGGAAGTTCGTGAGCCCCGCCTTCTCCTGTTTGTGGTAGTGGTCAAGCATCAACTTC
 AAGCCACTCACCTATGATGACTACGTCTATCCTCCTTGGGCCAACTGGGTCGGTGGGCGATTGCCCTCT
 CATCCATGATCCTGGTACCTGCCTACGTCTACAAAATCTTCCAGCATAACGGGCTCCCTTTGGGAGAG
 AGTGGCCTACGGAATCACCCGGAGAATGAGCACCACCTATTGGCTCTAGAAATAGAGCTTTCCAGCCTT
 CAGAGCTTTGTTATTACTTCATGTCCCATAGATCCTCTTTGTGAGTTTTCTTTTCATCTCCTGCCAGA
 AAACCTTGGTGTTAAGAAGTCAGGTCCAGCACCATTGATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1624_e08.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_031343

Insert Size: 1794 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_031343.1](#), [NP_112633.1](#)

RefSeq Size: 2221 bp

RefSeq ORF: 1794 bp

Locus ID: 83511

Cytogenetics: 19p11

Gene Summary: norepinephrine transporter [RGD, Feb 2006]