

Product datasheet for **RN207282**

Slc19a3 (NM_001108228) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc19a3 (NM_001108228) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc19a3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207282 representing NM_001108228
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATTGCTGCAGAACTCCACCAAGGGACTCTTGGGTTTATCCCACCGTGATACTCTGCTTGTTCGGAT
 TTTTCTCCATGTTCCGGCCCTCAGAATCATTCTTAATCCATTTTTGTCTGGACCCAGTAAGAATCTTAC
 CAGCACAGAGATGACAAATGAGATCCTTCTGTTGGACGTA CTCTTACCTGGCAATGCTGCCACCCGTG
 TTTGTCCTCACCAGACTACCTACGCTACAAACCCATCATTATGTTACATGTGATGGCCTTCACCATTGTCT
 ACCTGTTTCTCTTGTGGCCAAAGTGTGATGCTCATGCAGACAGCTGAGTTCTTTTTCGGGATTGTCTC
 AGCCACGGAGATAGCCTACTTTGCCTACATATACAGCATGGTCAGCCAGAGCACTATCAGAAGGTGAGC
 AGTTACTGTCCGAGCATCAGCTGGTGTCTACACAGCAGGCTCAGTGTAGCCAGCTCCTGGTGTCCC
 TGATGAACGTGCCATACTCTACCCTTTTTACATATCCTTGGCCTGCGTCTCTGTGGCTTCTTTGTCTC
 ACTTTTCTACCCATGCCTAAGAAGAGCATGTTTTTCCATACGAAGCCTAACAGAGAAGCTTGCCAAAG
 CCACTGGAACCATGTACCGTCTCAAGGAAGCTACAACAACGGAGCTCAGCCAGAGTTGTTTGCCAATG
 CACAGAATCTAGGGGACAGAGCAAGCAACTCAGCTTTGAGAATCTTTGTATATTGGTCCAGGATCT
 GAAGGAGTGCTATTCTCAAAGCACCTGGTTTACTGGTCCCTGTGGTGGGCTTTTGCCACAGCAGTTAT
 AACCAATCTTAAATTTTGTCAAGTCCTATGGGAACAAAAGGCTCCCTCAAAGACTCTTCGATCTATA
 ACGGAGCAGTAGAGGCCATAGCAACATTTGGAGCTTTGGCTTCATTCTCAGTGGGTACATAAAGGTGCA
 CTGGGATCTCCTAGGAGAGCTGGCCTGGCTGTCTTCTCGGCTGTGTCGCAGGATCTCTGTTACTCATG
 AATTACACGCTCAGCATCTGGGTGTGCTATACTGGCTATGTGCTGGTCAAGTCTAGTATTCAATTTCTTA
 TAACCATCGCTGCTTTTTCAGATTGCAGTTAACCTGAGCTTAGAACGTTATGCCCTGGTGTTCGGCATAGA
 CACCTTTATTGCCTTGGTGATTACAGCCATCATGACTATGATTGTGGCAGATCAAAGAGGGCTCCAATTG
 CCAGTCACTACTCAGTTTTTAGTTTATGGGAGTTACTTCGCTGTGATTGCGGGGGTCTTCTCAATAAGAA
 GCATATACATTCTACTCAGCTAAGTGCCGAAAGGAAGTGCAGAACCTTGCTACCACCCAGAGCCCTGG
 TGAGCCATACCTACAAGAGCCAAGAGATGTGTCAACGAAGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108228
- Insert Size:** 1446 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_001108228.1](#), [NP_001101698.1](#)
RefSeq Size: 1675 bp
RefSeq ORF: 1446 bp
Locus ID: 316559
Cytogenetics: 9q34