

Product datasheet for **RN216811**

Slc37a2 (NM_001191994) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc37a2 (NM_001191994) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc37a2
Synonyms:	RGD1564160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216811 representing NM_001191994
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCGGTCTTCCCTGGCTCCGGGTATCTGGTTCCTCCGCGCTTCTCTAGGGACAGCTGGTTCCGTGGCT
 TCATCCTGCTGCTCACCTTCCTCATCTATGTCTGTTATCACATGTCCAGAAAGCCCATCAGCATCATTAA
 GAGCCGCTTGACCAAGAACTGCTCAGATATTGTGACACCCATTAATGACACCCACGATCTCAACGATACC
 ACCTGGTGCAGCTGGAGTCCGTTTCGACAAGGATGACTACAAGGAGCTACTGGGAGCTGTGGACAATGCCT
 TCCTAGTGGCTTATGCCATTGGCATGTTTATTAGTGAATCTTTGGGAGCGGCTGCCCTGCGTTACTA
 CCTCTCAGCTGGAATGGTGTCTAGTGGCTATTACCTCCCTCTTCGGCTGGGATACTTCTGGAATATC
 CACATGCTCTGGTACTTCGTGCTCATCCAGATCTGCAATGGCCTTGTTTCAGACTACGGGCTGGCCGTCTG
 TGGTGACCTGTGTGGCAACTGGTTTGGGAAGGAAAGCGGGATTATCATGGGCATCTGGAACCCCA
 CACATCTGTGGGCAATATTCTGGGCTCCCTGATCGCTGGAGTCTGGGTGAACCAGCACTGGGGATTGTCA
 TTCATCGTGCCTGGCATTATCACTGCTGTCTGCGGTGTCATCACCTTCCTCTTTCTATTAGTACCCAG
 AAGATGTGGACTGCACCCCTCCCGAGCACCATGATGACCTGGAGAAGGAACGGGACAACCTGAGGATCC
 TGTGAACAGTCCCTACAGCAGCAGGAAAGTAGTGTGGACATTGCAGCCAGTTCCCTCAAGGAGCAGGGC
 CCTGAGCCTGAAGCCATCAGTTTCCTGGGAGCACTCAAAATCCCGGGTGTGATAGAGTTCTCTATGTC
 TGCTCTTCGCCAAGTTGGTCACTACACCTTCTCTACTGGCTGCCCTTGATCTTCAACGTGGCTCA
 CTTTAGTGCCAAGGAGGCTGGGGACCTATCCACGCTCTTTGATGTTGGTGGCATCATAGGTGGCATCATG
 GCAGGGCTCATCAGCGACTACACCAATGGCAGGGCCACCACTTGCTGCGTCATGCTGATCTTGGCTGCTC
 CCATGATGTTCTGTACAACATACATTGGCCAGAATGGGATAACCAGCTCCATAGTGATGCTGATTATCTG
 TGGGGTCTGGTCAATGGCCCTTATGCACTCATCACACAGCTGTCTCTGCTGACCTGGGCACACACGAG
 AGCCTGAAGGGCAACGCCAAGGCCCTCTCCACTGTACGCGCATATTGACGGCACCGGCTCCATAGGTG
 CGGCTCTGGGGCCCTGCTGGCCGGGCTCATCTCCCCACAGGCTGGAACAATGTGTTCTACATGCTCAT
 CTCTGCCGACATCTTGGCTTGCTGCTCTGCAAGTTGGTGTACAAAGAGATCCTGGCCTGGAAGACG
 GCCCGCAGCAGAAACAGTGGCTTAGTCTGGCCCTAACCCACCCGCGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191994

Insert Size: 1521 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191994.1, NP_001178923.1

RefSeq Size: 1521 bp

RefSeq ORF: 1521 bp

Locus ID: 500973

Cytogenetics: 8q21