

Product datasheet for **RN210034**

Slc29a4 (NM_001105911) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc29a4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >RN210034 representing NM_001105911
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGGCTCCATTGGAAGCCAGCGCCTCAAGGAGCCCTGTGTGGCAGCCACATCTGGCCAGAGTGTGGTGA
 CAAGCTTTGACAACCTTTAGCTGGAGACGACAATCGAGGGGGCTCAGGATCCAGGCATCAGAGTCAGGGG
 CGTCCCCCTTTACAGACTCTGCGGTAGACGAGCCTGTGCCGAGCAGCCGCTACCATGCCATCTACTTT
 GCCATGCTGCTGGCTGGCTGGGCTTCCTACTGCCCTACAACAGTTTTATCACCGATGTGGACTATCTTC
 ACCACAAGTACCCAGGAACCTCCATCGTGTGGTGGAGAGTTGAACCTGCACACTAGGATCACCACAGTTACCTCCTG
 CGTGCTCCTCAACAACGTTGTGGTGGAGAGTTGAACCTGCACACTAGGATCACCACAGTTACCTCCTG
 GCCTTGGGTCCTTGCTCTTTATCAGCATCTTTGATGTGTGGCTTCAGCTCTTCTCACGACCAGGCTT
 ACGCCATCAACCTGGCCGCGTGGGCACTGTGGCCTTGGCTGCACAGTGCAGCAATCTAGCTTCTACGG
 CTACACAGGATTACTGCCAAGAGGTACACGAGGGGGTGTGACTGGAGAGACACGCGAGGGGTGATG
 ATCTCTCTGAGCCGAATCCTCACTAAGCTGCTGCTCCCGGATGAGCGGGCCAGCACCATCATCTTCTTCC
 TGGTCTCTGCTGGCTTGAGCTCCTGTGCTTCTGTGCTGCACTTGTGGTGCAGCGACGCGTTTTGTGCT
 CTACTACACCACTCGGCTCGTGACAGCCGCCCTGTCCGGGACGGTACCGAGTGCACCATGATGTCGCG
 TCAGGAGACATCCACTTTCACCAAACTCCAGCCCTGTCCAGCAGAGTCCCCAAAGGACAGCCAGCCC
 ATGAGGTGACCCACAGCAACAGCGCGTCTACATGCGTTTTGATGTGCCCCGGCCACGAGTCAAACGGAG
 CTGGCCACCTTCAGAGCCCTGCTGCTGCACCGATACGTCGTGGCGCGGGTCATCTGGGCCGACATGCTA
 TCCATTGCGGTAACCTTACTTACCTGCTGCTGCTGTTTCTGGCCTGGAGTCCGAGATCCGCCACTGCG
 TGCTGGGCGAGTGGCTGCCATCCTGGTCATGGCGTGTCAACCTGTGAGCTTTGTGGCAAGATCCT
 GGCAGCCCTACCCGTGGAAGTGGAGGGGTACCATCTGCTTGCCTGCTTGCCTTCTGTGGTCTTCATC
 CCCCTCTTATCCTGTGTGTGTACCCACTGGTATGCCTGCCCTCCGTACCCCTGCCTGGCCCTGTGTCT
 TCTACTGCTAATGGGCATCAGCAATGGCTACTTTGGCAGCGTGCCCATGATCCTGGCAGCTGGAAGT
 GAGCCCAAGCAGCGGGAGCTGGCAGGGAACACCATGACTGTGCTCTATATGTCGGGTTGACCTGGGC
 TCTGCTGTGGCCTATTGCACCTACAGCCTACCCGTGACGCCACAGCAGCTGCTTTCAAACAGCCACCG
 CCAACGACTCCATCCTGTTGGCCCC**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105911

Insert Size: 1569 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001105911.1</u> , <u>NP_001099381.1</u>
RefSeq Size:	2753 bp
RefSeq ORF:	1569 bp
Locus ID:	288499
Cytogenetics:	12p11