

Product datasheet for **RN201636**

Slc29a1 (NM_031684) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc29a1 (NM_031684) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc29a1
Synonyms:	ENT1; rENT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201636 representing NM_031684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAACCAGTCACCAGCCTCAGGACAGGTATAAGGCTGTCTGGCTCATCTTCTTTGCTCTGGTCTGG
 GGACACTGCTCCCTGGAATTTTTTATAACAGCAACCCAGTATTTACAAAGCCGCTGAACACGTCCCA
 GAATATATCCTTGGTCACCAACCAATCATGCGAAAGCACCGAGGCCTTGGCTGACCCCTCAGTGTCTTG
 CCAGCCCGGAGTTCTCTCAGTGCATCTTCAACAATGTCATGACCCTGTGTGCCATGTTGCCCTTGTGA
 TCTTCACCTGCCTCAACTCTTCTGCATCAGAAGGTGTCTCAGTCCCTTCGGATCTTGGGCAGCCTGCT
 GGCTATCTGTTGGTGTCTCTGCTCACTGCCACCCTGGTGAAGGTGCAGATGGATGCCCTGTCTTCTTC
 ATCATCCATGATCAAGATTGTGCTCATTAACTCATTTGGTGCATTTTGAAGCCAGCCTTTTCGGTC
 TGGCAGGCGTCTGCCGCCAACTACACAGCCCCATCATGAGTGGCCAGGCCTGGCTGGCTTCTTAC
 CTCTGTTGCCATGATCTGTGCCGTGCCAGTGGCTCTAAGCTGTCAGAAAGTGTCTTTGGTTACTTCATC
 ACGGCCTGTGCAGTTGTCACTTGGCCACTGTGTACCTGGCCCTGCCTTGGATGGAATTCTACCGAC
 ATTACCTGCAGCTCAACCTTGCAGGCTGCAGAGCAGGAGACCAAGTTGGATCTCATCAGTGAAGGAGA
 GGAGCCAAGAGGAGGAAGAGAGGAATCTGGGTGCCAGGCCCAACTCTTACCCGCCAACAGAAACCA
 TCCATCAAAGCCATACTGAAGAGTATCTGGGTCTGGCTGTCTGTCTGTTTCACTTCCACAGTACCA
 TTGGGTTGTTCCCTGCTGTGACTGCTGAGGTGGAATCCAGCATCGCAGGCACAAGTCCCTGGAAAACTG
 CTACTTCATCCCTGTGGCTGCTTCTGAATTTCAATGTCTTTGACTGGCTAGGCCGGAGCCTCACAGCT
 ATTTGCATGTGGCTGGTCAGGACAGCCGCTGGTTGCCGCTCTGGTGCCTGCAGGTTGTGTTATCC
 CCCTGCTGATGCTCTGCAATGTGAAGCAGCACCCTACCTGCCCTCTTAAAGCATGATGCTGTGTT
 CATCACCTTCATGGCCGCTTTGCCTTCTCAATGGCTACCTCGCCAGCCTCTGCATGTGCTTCGGGCC
 AAGAAAGTCAAACCGCTGAGGCAGAGACTGCCGAAACATCATGTCTTCTTCTGTGTCTGGCCTGG
 CTCTGGGAGCTGTGTTGCTTCTTGTAAAGGGCACTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2411_h10.zip

Restriction Sites: SgfI-MluI

ACCN: NM_031684

Insert Size: 1374 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.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<ol style="list-style-type: none">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:	<u>NM_031684.2</u> , <u>NP_113872.1</u>
RefSeq Size:	2142 bp
RefSeq ORF:	1374 bp
Locus ID:	63997
UniProt ID:	<u>O54698</u>
Cytogenetics:	9q12
Gene Summary:	nucleoside transporter [RGD, Feb 2006]