

## Product datasheet for RN207295

### Slc29a2 (NM\_031738) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc29a2 (NM_031738) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc29a2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207295 representing NM_031738 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCACGGAAACGCCCTCGGGACAGCTACCACCTGGTCGGGATCAGCTTCTTCATTTGGGTCTGG  
GCACCTCCTCCCCTGGAACCTTCTTCATTACCGCCATCCCGTACTCCAGGGCGGTTGGCAGGGACCAA  
CAGCAGCGCTGAGACCCGAGCACCAACCACACCAGTCCCACAGACACCTCAACTCAACAACCTGGGTG  
ACACTGCTGTCCCAGCTGCCTCTACTGCTTTCACGCTCCTCAACTCCTTCTTGTATCAGTGCATCCCTG  
AGTCGGTGCATTTCTGGGCAGCCTGCTGGCCATACTACTGCTCTTTGCCCTGACAGCAGCGCTGGTGAA  
GGTGGATTTGAGCCCCGGGCTGTTCTTTCCATCACCATGGCATCCGTCTGGTTCATCAATTCCTCTGT  
GCAGTGTTCAGGCAGCCTCTTTGGGCAGCTGGGTACCATGCCTTCTACCTACAGCACCTCTTCTCTCA  
GTGGCCAGGGCCTGGCTGGGATCTTCGCTGCCCTTGCTATGCTCACGTCCTTAGCCAGTGGCGTGGACCC  
CCAGACCTCTGCCCTGGGTACTTCATCACACCCTGTGTGGGCATCCTCCTCTCCATCATATGTTACCTC  
AGTCTGCCCCATCTGAAGTTTGCCCGTTACTACCTGACCAAGAAGCCTCAGGCCCCAGTTCAGGAGCTGG  
AGACAAAGCTGAGCTCCTCGGAGCTGATGAGAAGAATGGGATTCTGTGACCCCCAGCAGGCAGGCC  
AACTCTGGATCTTGACCCAGAGAAGGAGCTGGAGCTGGGGCTGGAGGAACACAGAAGCCAGGAAACCT  
TCGGTCTTTGTCGCTTCCGGAAGATCTGGCTGACGGCGCTGTGCCTTGTGTTGGTCTTACAGTACCC  
TGTCCGCTTTTCCGCTATCACAGCCATGGTGACCACCAGCTCCAATAGCCCCGGGAAGTGGAGTCAAGT  
CTTCAACCCTATCTGTTGCTTCTGCTCTTCAACGTCAATGGATTGGCTGGGCCGGAGCCTGACTTCTAC  
TTCCTGTGGCCAGATGAGGACAGCCAGCTGCTGCCCTGCTGGTGTGCCTGCGCTTCTGTTGCTGCCCC  
TCTTATGCTGTGTCATGTGCCCCAGCGTGCCCGGCTGCCATCATCTTCTGGCAGGATGCCTACTTCA  
CACATTCATGCTGCTCTTCGCCATTTCCAACGGCTACTTCGTGTCTCTCACCATGTGTCTGGCACCAGG  
CAGGTGCTGCCGATGAGAGGGAGGTGGCCGGAGCCCTCATGACCTTCTTCTGGCCCTGGGACTCTCT  
CGGAGCCTCTCTCTCTCTTTAAGGCTTACTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_031738
<b>Insert Size:</b>	1371 bp
<b>OTI Disclaimer:</b>	<p>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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031738.1</a> , <a href="#">NP_113926.1</a>
<b>RefSeq Size:</b>	1678 bp
<b>RefSeq ORF:</b>	1371 bp
<b>Locus ID:</b>	65194
<b>UniProt ID:</b>	<a href="#">O54699</a>
<b>Cytogenetics:</b>	1q43
<b>Gene Summary:</b>	nucleoside transporter [RGD, Feb 2006]