

Product datasheet for **RN204528**

Slc13a3 (NM_022866) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc13a3 (NM_022866) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc13a3
Synonyms:	Nadc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN204528 representing NM_022866
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGCTGGCGGCGCTGGCCAAGAAGGTGTGGAGCGCGCGGCCCTGCTGGTGTCTGCTGGTGC
 CGCTGGCTCTGCTGCCATTCTCTTCGCCCTGCCGCCAAGGAAGGCCGTTGCCTGTATGTCATCTTGCT
 CATGGCGGTGATTGGTGACAGAGGCCCTGCCCTGTCACTGACGGCTCTTCTGCCATCATCCTCTTC
 CCCTTCATGGGTATTCTACCTCCAGCAAGGTCTGTCCCACTACTTCTCGACACCAACTCTCTTCC
 TCAGCGGCTGATCATGGCCAGTGCCATTGAGGAACGGAAGTGCACCGGAGAATCGCCCTCAAGGTCT
 CATGCTGGTTGGGGTCCAGCCTGCAAGGCTCATCTGGGATGATGGTGACCACGTATTCTGTCTATG
 TGGCTGAGCAACACGGCTTCCACCGCAATGATGCTGCCATCGCCAGTGCCATCTCAAGAGCCTTTTG
 GCCAGCGGACGCTCGGAAGGACCTTCCCGGGAAGGCGAGGACAGCACAGCTGTGTGCGGGAAATGG
 ACTTCGAACAGTCCCACGGAGATGCAGTTTCTGCCAGTTCAGAAGGAGGCCACGCTGAGGATGTAGAG
 GCCCACTGGAGTTGCCTGATGACTCCAAGGAGGAGGAACATCGCAGGAACATCTGGAAGGGCTTCTCA
 TTTCCATTCCCTACTCAGCCAGCATCGGGGACCCGCCACCTCAGGACAGCCCCAACCTCATCCT
 GCTCGGCCAGCTCAAGAGTTTCTTCCACAGTGTGATGTGGTAAATTTGGCTCCTGGTTCATCTTGCC
 TTCCCTCTCATGCTGCTGTTCTACTGGTGGGCTGGCTGGATCTCCTCCTCTACGGTGGAAATGAGCT
 GGAGGGCTGGAGGAAGAAGAACTCGAAGTTACGAGAGCTTGCAGAGGATAAGGCTAAAGCTGTGATTCA
 GGAGGAGTCCAGAACCTAGGGCCATCAAGTTTGGTGAACAGGCTGTCTTATCTTGTCTGTTGTT
 GCCATCTCTCTTCTCCCGGACCCGAAGTTTATCCCTGGCTGGGCCAGCCTCTTCCCGCTGGGTTTG
 TTTCAGATGCTGCACCGGTGTGGCCATTGTCACCATCTGTTCTTCTTCCCTCCAGAAGCCCTCACT
 CAAGTGGTGGTTTGACTTCAAAGCTCCCAACTCGGAGACAGAGCCCTGCTGAGCTGGAAGAAGGCCAG
 GAGACAGTGCCCTGGAATATCATCTTCTCCTGGGAGGTGGCTTGGCATGGCCAAGGCTGTGAGGAGT
 CGGGGCTGTCTGCGTGGATCGGTGGCAGCTGCACCCCTAGAGCATGTTCCCCACTGCTGGTGTGCT
 ACTCATCACTGTGGTCACTCGCTTCTTACAGAGTTCCGACAGCAACACGGCCACCATCATCATCTTCTG
 CCTGTCTGCGAGAGCTGGCCATCCGACTGCACGTGCACCCCTTGTACCTGATGATCCCGGGCACGGTCA
 GCTGTTCTACGCCTTATGCTGCCGTCTCGACGCCCCCAACTCTATTGCCTTCTCCACTGGACACTT
 GCTGGTCAAAGACATGGTGGGACCGGCTTCTGATGAACCTGATGGGTGCTGCTGCTCAGCCTGGCC
 ATGAACACCTGGGCACAGGCCATCTTCCAGCTGGGCACCTTCCAGACTGGGCCAACCCACGCTGCCA
 ATGTGACCGCACTGCCACCCGCTTGACCAACAACACAGTTCAAACCCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2150_g09.zip
Restriction Sites: SgfI-MluI
ACCN: NM_022866
Insert Size: 1803 bp

OTI Disclaimer:	<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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	NM_022866.2 , NP_074057.2
RefSeq Size:	3206 bp
RefSeq ORF:	1803 bp
Locus ID:	64846
Cytogenetics:	3q42
Gene Summary:	sodium-dependent dicarboxylate transporter involved in transport of di- and tricarboxylates with substrate preference for succinate [RGD, Feb 2006]