

Product datasheet for **RN208004**

Slc28a3 (NM_080908) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc28a3 (NM_080908) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc28a3
Synonyms:	Cnt3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208004 representing NM_080908
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAGGTCAGACCCAGACCCGGAAAGAATTTCGGAGCCAGTAAGAGCAAGATGAGCCTGGAGCTGA
 GGCCAACAGCCCCAGCGACCAGGGCCGCTCAACGAAGCCTTCCAGGATGAAGACCTGGAAGAGCAGAA
 CGCTCCAGGAAACAGCACAGTCAGGAGCAGAGTTGTACAGAGTGGGGAGCAAGGACGGGCCAAACAGGAC
 GACAGGCAGATCACGATTGAGCAGGAGCCTCTAGGACCCAAAGAAGGCACAGAGGAAGAGAGCGAAGATG
 AACGTCAGAAAGGGTTCTTGAAAGGAAGTATGATACGGTTTGTGAGTTTGTAGAAAGCACAGAGTCAT
 TCTCCAGCACACCATCTGGGCAGTTTTACTGACAGTTTCTGGCCCTGGTGATTGCAGCCTGTGCACTA
 AACTTCCACCGAGCCCTCCCTTTTTGTGATCACCTGGTGACCATCTTCTCGTCGTGGGATCGCT
 TGATGGCCAAATACGAACAGCGAATCGATGATGCTCCTGTCTCCCGCAAAGGCTGCTTGAGAGGCATTG
 GTTCTGGCTGAAGTGGGTGGTCTGGTGCTCACTGATCTTGGCGGTCATTCTCGGCTGGCTGAGACAG
 GCCAGGCTGGGCCAACAGCAGCTGATATCCTTTGGTGGGCTCGTCATGTATATTGTTCTGCTATTCTGT
 TTTCCAAGCATCCGACCAGAGTTTACTGGAGGCCTGTCTTTGGGGAATTGGACTGCAGTTTCTTCTTGG
 GCTCTTAATTCTAAGGACTAGGCCTGGATTTGTTGCTTTTATTGGATGGGGAAACAAGTTCAGACTTTT
 CTGGGGTACACTGACGCTGGAGCCAGTTTGTCTTTGGAGAAAAGTATACAGACCACTTCTTTCATTTA
 AGATCCTTCCCATTGTGGTTTTCTTTCAGCACCGTGATGTCTATGCTCTATTATCTGGGACTGATGCAGTG
 GATTATCAGAAAGGTTGGGTGGCTAATGCTTGTCACTATGGGGTCATCTCCATTGAGTCCGTAGTTGCT
 GCTGGCAACATATTTGTTGGGCAAACAGAGTCTCCACTACTGGTTCAACCATATCTACCACACGTCACCA
 AGTCAGAACTGCACACCATCATGACAGCTGGTTTTGCCAGATTGCTGGGAGCGTGGGCGCGTACAT
 CTCTTTTGGGGTGCATCTACACACTTGTCTACCCTTCTGTATGTCTGGCGCCTGCAGCCCTGGCTGTG
 GCCAAACTCTTTTGGCCTGAAACAGAGAAACCCAAAATAACCCTCAAGAATGCCATGAAAATGGAAAATG
 GTGATTCGCGAATCTCCTGGAGGCGGCCACGCAGGGTGCATCTTCTGTCATCCCTGGTGGCAAACAT
 CGCTGCAAATCTGATCGCCTTCTGGCCTTGTCTTCTTTGTGAACTCCGCTCTGTCTTGGTTTGGAAAGC
 ATGTTTCGACTACCCACAGCTGAGTTTCGAGCTCATTTGTTCTTACATCTTCATGCCTTCTCCTTCATGA
 TGGGAGTCGACTGGCAAGACAGATTTATGGTCGCCAAACTCATAGGCTACAAGACGTTCTTCAATGAATT
 TGTGGCTTATGAACACCTCTCAAATTCATCAATTTGAGGAAAGCGGCTGGACCCAAATTTGTAATGGT
 GTGCAGCAATATATGTCAATTCGCTCGGAGACCATCGCAACTACGCCCTCTGTGGTTTTGCCAATTTTG
 GTTCCCTAGGAATAGTGATCGGTGGACTTACGTCTATAGCTCCGTCCAGAAAGCGAGACATTGCCTCGGG
 AGCCATGAGAGCCCTGATTGCTGGGACCATTGCCTGCTTCATGACAGCCTGCATCGCTGGCATGCTCTCT
 GACACCCCGTGGCTATCAACTGCCACCAGTTCTAGAGAGCAGCAAAGTACTCAGCAACACAAGTGAAG
 TGGCGTCTTGTGTAAGGCCTGTTCAACAGCACTGTTGCCAGGGGACCAATGACGTCCTCCAGGAGG
 AAATTCAGCCTTACACTTTGAAGAGCTGCTGCAACCTGCTGAAACCACCAACGCTGAAGTGTGGTTGG
 ATCCCTAACATACCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_080908
Insert Size: 2118 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).

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_080908.1</u> , <u>NP_543184.1</u>
RefSeq Size:	2118 bp
RefSeq ORF:	2118 bp
Locus ID:	140944
UniProt ID:	<u>Q8VIH3</u>
Cytogenetics:	17p14
Gene Summary:	member of a family of sodium-dependent, concentrative nucleoside transporters; may transport both pyrimidine and purine nucleosides [RGD, Feb 2006]