

Product datasheet for **RN215334**

Slc44a2 (NM_001134715) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc44a2 (NM_001134715) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc44a2
Synonyms:	RGD1309680
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215334 representing NM_001134715
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAAGGATTCGAGCATTACTACGGGAAGCACGGGACGCCCTCAGAAATATGACCCACCTTTAAAG
 GACCCATTTACAACAGGGGATGCACGGATATCATTGCTGTGTGTTGCTCTTCTGGCCATCGTAGGCTA
 CGTGGCTGTGGGCATCATAGCCTGGACCCATGGAGACCCTCGGAAGGTGATCTACCCCACTGATAGCCGG
 GGCGAGTCTGTGGGCAAAGGGAAACAAAAATGCGGACAAACCATTCTGTTTTACTTCAACATCGTGA
 AGTGTGCCAGCCCCCTGGTCTGCTGGAATTTCACTGTCCACCCTCAGATCTGCGTGAAGCAGTGTCC
 AGACCGCTATCTCACCTTCTGAGTGCAGCAACTCTCGGACTTTGACTACTACAAGCAGTTCTGTGTG
 CCCGGCTCAAGAACAATAAAGGGTAGCTGAGGTGCTCAGAGATGGGGAGTGCCAGCGGTTATCATCC
 CCAGCAAACCCTTGGCCAGCGGTGCTTCCCGCCATCCATGCCAGCAAAGGGTCTCATGGTGGCAA
 TGAGACGACCTATGAGGACGGACACGGCACCAGGAAGAATGTTACAGATCTAGTGGAGGGTGCCAAAAAG
 GCCAACAAGGTTCTAGAGGCCCGCAGCTCGCCATGCAGATTTTTGAAGATTACACTGTATCCTGGTACT
 GGATTGTCATAGGTCTGGTTCATGCCATGCTGCTGAGCCTCATGTTCAATTGTCCTGCTGCGATTCTGGC
 AGGCGTATGGTCTGGTGATGATCGTATGGTACTTGGTACTTGGCTATGGCATATCCACTGCTAC
 GCGGAGTACTCGAGACTCCGTGGAGAGGAGGCTCCGACGCTCCCTGGTGGACCTTGGCTTCCAGACGG
 ACCTCCGAGTGTACCTGCACTTGAGGCAGACTTGGATGGCTTTCATGATCATTTTTAAGCATCCTGGAAGT
 GGTATCATCCTGTTACTCATCTTTCTGCGCAAAGGATCTTGATCGCCATAGCCCTCATCAAAGAAGCC
 AGCAGGGCTGTGGGACATGTCATGTGCTCCATGCTCTACCCACTGGTACTTCTTCTCTGTGTCTCT
 GCATTGCCTACTGGCCAGCACTTCTGTCTTCTGCTACCTAATGTAGCCGTGTACAAGATTGTTGA
 TGACACGCCCTGCCACTTTTGGGAAAACCTGCAACCCAGAGACCTTCCATTGAATGAGAGCCGCCAG
 TGTCTAATGGCCGCTGTGAGTTGCTTCTATGGCGGCGAGTGCACCTACCACCGTGCCCTGCTGGGCC
 TGCAGATCTTCAATGCATTATGTTCTTCTGGTAGCCAACTTCGTGCTAGCCCTGGGCCAGGTGCACT
 GGCTGGAGCCTTGCCTCTATTACTGGGCTATGCGAAAGCCGATGACATGCCTGCCTTCCCCCTCTT
 TCTGCTTTGGCCGCGCACTCAGGTACCACACGGGCTCCTTGGCTTTGGCTCTTATCCTAGCCATCG
 TGCAGATCATCCGAGTGTGCTGGAGTACCTGGATCAGCGCTGAAAGCTGCACAGAACAAGTTTGCCAA
 GTTCTCATGGTCTGTCTCAAGTGTGCTTCTGGTGCCTAGAGAAGTTTATCAAATCCTGAATAGGAAT
 GCCTACATCATGATTGCTATCTATGGCACCAACTTCTGCACCTCAGCCAGGAACGCTTCTTCTGCTTA
 TGAGAAATATCATCAGGGTGGCCGCTCGGACAAAGTTACAGACTTCTTCTTCTGTTGGGCAAACCTCT
 GATTGTGGGTAGCGTGGGCATCCTGGCCTTCTTCTTCCACCCATCGGATCAGAATTGTGCAAGACACG
 GCCCCACCTCTCAATTATTATGGGTCCCATACTGACAGTGTGATGGCTCCTACTTGTGCGCAGC
 GCTTCTCAGCGTCTATGGCATGTGCGTGGACACACTGTTCTCTGTTTCTTGGAGGATCTGGAGAGAAA
 CGACGGCTCAGCCGAGAGGCCTTACTTCATGTCTTCCACTCTCAAGAACTCCTGAATAAAACCAACAAG
 AAAGTAGCAGAATCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134715
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_001134715.1</u> , <u>NP_001128187.1</u>
RefSeq Size:	3453 bp
RefSeq ORF:	2118 bp
Locus ID:	363024
UniProt ID:	<u>B4F795</u>
Cytogenetics:	8q13
Gene Summary:	Choline transporter.[UniProtKB/Swiss-Prot Function]