

Product datasheet for **RN204657**

Slc16a8 (NM_031744) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a8 (NM_031744) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a8
Synonyms:	Mct3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204657 representing NM_031744
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGTGCTGGCGGCCCGCGGGGTGCTGGTCTCCAGATGGTGGCTGGGGCTGGGTGGTACTGGGCG
 CCTGCTTCGTGATCACTGGCTTCGCCTATGGCTTCCCTAAGGCTGTGAGCGTCTTCTTCCGAGAGCTCAA
 GCGCGACTTCGGGGCAGGTTACAGTGACACAGCCTGGGTGCTTCCATCATGCTGGCTATGCTCTACGGC
 ACGGGCCCTTGTCCAGCATCCTCGTGACGCGCTTTGGCTGTGCGCCAGTGATGCTGGCTGGTGGACTGC
 TGGCTTACGCGGCATGATTCTGGCTTCTTTGCCTCGCGCCTCTGGAGCTGTACCTGACGGCTGGGGT
 ACTCACAGGCCTGGGCTGGCTCTCAACTTCCAGCCGTCGCTCATCATGCTGGGGCTCTACTTCGAGCGG
 CGACGGCCCTGGCCACGGGCTGGCAGCAGCAGGAGCCCGGTGTTTCTGTCCACGCTGTGCCTCTCG
 GCCAGCTGCTGGGGAGCGCTTTGGCTGGCGCGCGGCTTCTGCTGTTTGGCGGTCTCTGCTGCACTG
 TTGCGCCTGTGGGGCTGTATGCTGCGCCCCCTGGACCCAGCCGCGCCAGACCCTGCGCCCCCGGT
 GGC CGGGCTCGCCACAGGAGCTGCTGGACTTGGCAGTGTGCACTGACCGCACTTTCATGGTATACATGG
 TTACCAAGTTCCTGATGGCGCTCGGGCTCTTTGTGCCGGCTATCCTGCTGGTGAACACGCCAAGGACGC
 GGGTGTGCTGATGCCGAGGCCGCTTCTTGTGTCTATCGTGGGCTTTGTGGACATCGTGGCAGGCCA
 GCGTGTGGTGTCTTGGCGGGTCTGGGGCGACTGAGACCCACGTCCTTCTCTTACGCTGGCCTTGT
 TGGCAATGGGCTCACGACCTGATTAGCGCTCGTGCGCGCTCTACGGCACCCTTGTGGCTTTCTGCA
 CGCTTCGGCTCTCTATGGCATGGTGGGCGCGCTGCAATTTGAGGTGCTCATGGCAGCGTGGGTGCG
 CCGCTTCCCTAGTGCCTTGGGCTAGTGTGCTGCTGAGGCGCGTGGTGTGCTCATAGGACCGCCTT
 CTGCGGCGCGCTGGTGGATGCTCTGAAGAACTATGAGATCATCTTCTACCTTGTGGTCTGAGGTGGT
 CTTGGCAGGAGTCTTCATGGCAGTTACCACATACTGCTGCCAGCGCTGCTCTAAGGACATCCACACAGG
 CCATCTGCTGAGGGAGGAACAGCGACACAGAGGAGCTGGAGGCTGAGAGGGACTCTGAGCAATGCCTG
 CCAGCACTGAAGAGCCTGGCAGCCTGGAAGCTCTGGAGGTGCTGAGCCCCAGGGCTGGGTCCCCAGAACC
 AGAGGAGGAGGAGTGCCTGACCTGAGTCACGAGTCTGTAGGTGGCCATGAGGCACATGGCCAAAACGCT
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031744

Insert Size: 1473 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:	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_031744.2</u> , <u>NP_113932.2</u>
RefSeq Size:	1829 bp
RefSeq ORF:	1473 bp
Locus ID:	65200
Cytogenetics:	7q34
Gene Summary:	may regulate water and lactate transport between the choroid and the retina [RGD, Feb 2006]