

Product datasheet for **MC206583**

Slc16a8 (BC018216) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a8 (BC018216) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a8
Synonyms:	Mct3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018216
 GTGCAGCCACCATTGCCAAGGCTGTTGGACACTCTCTGGAGCTAGAAGCTGCCCTCCCGCAGGCCTCGA
 GAGATGTGAGGCTCAACCCTAAATCCAGAGTCCAGGTCCAGGTTCCAGAGGAGAGAGGCCCTGGTGAGGA
 AACTCCGAAGTGAAGTTTCCATTACCCTTACAGGCCTTTCAGGAAGAAGCAGAAGCAATGGGTGCTG
 GCGGTCCGAGGCGGGGTGCTGGCCCTCCGGATGGTGGCTGGGGCTGGGTGGTCTGGGCGCTGCTTCGT
 GGTCAACGGCTTCGCCTATGGCTTCCCTAAGGCTGTGAGCGTCTTCTCCGAGAGCTCAAGCGCGACTTT
 GGGGCAGGTTACAGTGACACAGCCTGGGTGTCCATCATGTTGGCCATGCTCTACGGCACGGGCCCT
 TGTCAGCATCCTCGTGACGCGCTTTGGCTGTGCGCCCGTGATGCTGGCTGGTGGACTGCTGGCTTCAGC
 AGGCATGATTCTGGCTTCTTTGCTCGCGCTCGTGGAGCTGTACCTGACGCGCTGGGGTCTCACAGGC
 CTGGGCTAGCTCTCAACTTCCAGCCGTCGCTCATCATGCTGGGACTCTACTTCGAGCGCGACGGCCCC
 TGGCCAACGGGTGGCAGCGCGGGCAGTCCCCTGTTTCTGTCCATGCTGTGCGCCCTCGGGCAGCTGCT
 GGGGGAGCGCTTCGGCTGGCGTGGCGGCTTCTGCTGTTTGGCGGCTCCTGCTGCACTGTTGCGCCTGT
 GGGGCAGTCATGCGTCCGCCCTGGACCCCGCGCGCAGAGACCCCTCGCCCCACGGTGGCCCGGCTC
 GCCCGCGCGGCTGCTGGACGTGGCAGTGTGCACCGACCGTCTTCGTGGTGTACGTGGTACCAAGTT
 CCTGATGGCACTCGGGCTCTTTGTGCCGCCATCCTGCTGGTGAACACGCCAAGGACCGGGCGTGCCT
 GACGCCGAGGCCCTTCTTGTGTCCATCGTGGGCTTCGTGGACATCGTGGCACGACCGCGTGGCGGTG
 CTTTGGCGGGTCTGGGGCGCTGAGACCCACGTCCCCTACCTCTTACAGCTGGCCCTGTTGGCCATGG
 GCTCACGGACCTGATTAGCGCGCGTGCAGCTCCTACGGGACCCCTCGTTGCTTTCTGCATTGCCCTCGGC
 CTGTCTACGGCATGGTGGGCGCACTGCAGTTTGGGTGCTCATGGCAACCGTGGGTGCACCCCGCTTCC
 CTAGTGCAATGGGCTAGTGCTGCTCGTGGAGGCCGTGGCTGTGCTCATAGGACCGCCCTCTGCCGGCCG
 CCTGGTGGATGCTCTGAAGAATATGAAATCATTTCTACCTTGTGGCTCTGAAGTGGCCTTGGCAGGA
 GTCTTCATGGCAGTTACCACCTACTGCTGCCTGCGTGTCTAAGAATCTCATCAGGTGATCTGCTG
 AGGGAGGAGCCAGCGACCCAGAGGATGTGGAGGCTGAGAGGACTCTGAGCCAATGCCTGCCAGCAGTGA
 GGAGCCGGGCGAGCTTGAAGCTCTGGAGGTGCTGAGCCCGGGTGGGTCCCGAACAAGAACCAGAG
 GAGGAGGCACTGCTGAGCTGGATCACGAGTCCATAGGTGGCCATGAGGCACGAGGCCAGAGGCATGAA
 ACTGTGGCTTCTCTCTGAGGGCTGGTACATGGGGAGCCAGCCTGGGGTGGTCTCTTGGGAACCCAATA
 TGTTAGACCCTGTTACAGTGAATAAAGGGCCCTAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC018216

Insert Size: 1479 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: [BC018216](#), [AAH18216](#)

RefSeq Size: 1887 bp

RefSeq ORF: 1479 bp

Locus ID: 57274

Cytogenetics: 15 E1

Gene Summary: Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate (By similarity).[UniProtKB/Swiss-Prot Function]