

Product datasheet for **MC201545**

Slc13a3 (NM_054055) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc13a3 (NM_054055) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc13a3
Synonyms:	NaDC-3; NaDC3; SDCT2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026803 sequence for NM_054055
 CTGGTCTCCAGCGATCGCGCGGATGGCGGCGCTGGCGGCGCTGGCCAAGAAGGTGTGGAGCGCGCGGCGC
 CTCCTGGTGTCTGCTGGTGCCGCTGGCTCTGCTGCCATTCTCTTCGCCCTGCCGCCAAGGAAGGCC
 GATGCCTCTATGTCATCTGCTCATGGCGGTGACTGGTGACAGAGGCCCTGCCCTGTGAGTACAGC
 TCTTCTGCCCATCATCTCTCCCTTCATGGGCATTCTGCCCTCCAGCAAGGTCTGCCCCAGTACTTC
 CTCGACACCAACTTCTCTTCTTAGCGGCTGATCATGGCCAGCGCCATAGAGGAATGGAACCTGCACC
 GGAGAATCGCCCTCAAGGTCCTCATGCTGTTGGGGTCCAGCCTGCAAGGCTCATCTGGGGATGATGGT
 GACCACGTCATTCTGTCTATGTGGCTGAGCAACACGGCCTCCACCGCAATGATGCTACCCATTGCCAGT
 GCCATCTCAAGAGCCTCTTGGCCAGCGCAAGCTCGGAAGGACCTTCCCGGGGAGGCGACGAGAGCA
 CAGCTGTGTGCAGGAAATGGACTGCGAACAGTGCCACGGAGATGCAGTTTCTTGCCAGTTGCGAAGG
 AGGTCACACTGAGGATGCAGAGGCCCGATGGAGCTGCCTGATGACTCCAAGGAGGAGGAACACCGCAGA
 AACATCTGGAAGGGCTTCTCATTTCATTCTTACTCTGCCAGCATTGGGGGACTGCCACCCTCACGG
 GCACCGCCCCAACCTCATCTGCTCGCCAGCTCAAGAGTTTCTCCACAGTGTGATGTGGTGAATTT
 TGGCTCTGGTTCATCTTCGCTTCCCTCTCATGCTGTTGTTCTACTGGTGGGCTGGCTCTGGATCTCC
 TTCTCTATGGTGAATGAGCTGGAGAAGTTGGAGGAAGAAGAAATCCAAGATACGAGCTGACGCAGAGG
 ATCAGGCTAAAGCGGTGATCCAGGAGGAGTCCAGAACCTGGGGCCCATCAAGTTTGTCTGAACAGGCCGT
 CTTTCATCTTGTCTGCAGTTTGCATCTCTCTTCTCCCGGGACCCCAAGTTCATCCCTGGCTGGGCC
 AGCCTCTTCGCCCTGGGTTTGTCTCGGATGCTGTACCAGGTGTGGCCATTGTCACCATCTGTTCTTCT
 TCCCTTCCAGAAGCCCTCACTCAAGTGGTGGTTTGTACTTCAAAGCTCCCAACTCGGAGACGGAGCCCT
 GCTGAGCTGGAAGAAGGCCCAGGAGACAGTGCCTGGAACATTATCTTCTTCTAGGAGGTGGCTTTGCC
 ATGGCCAAAGGGCTGTGAGGAGTCTGGGCTATCAGCATGGATCGGTGGACAGCTGCACCCCTGGAGCATG
 TCCCCCACTGCTGGCAGTGTGCTCATACCCTGGTTCATCGCCTTCTTACGGAGTTGCCACCAACAC
 GGCCACCATCATCTTCTGCCCCGCTCTGCGAGAGCTGGCCATCCGACTGCATGTGACCCCTGTAC
 CTGATGATCCCAGGCACGGTCTGGCTGCTCTACGCCTTCATGCTGCCGGTCTCAACACCCCAAACTCCA
 TTGCCCTTCTACTGGACACTTGTGGTCAAAGACATGGTGGGACGGGCTGCTGATGAACCTGATGGG
 TGTCTGCTGCTCAGCCTGGCCATGAACACCTGGGCACAGACCATTCTCCAGCTGGGCACCTTCCAGAC
 TGGGCCAACACCCATGCTGCTAACGCCACCGCACTGCCACCAGCCTTGACCAACAACACAGTTCAAACCT
 TCTGAGCCCTGCTGGGACTTTTTTTTAGGCTGGGCTTCTTCTCCAGAAGGCTGTTGCTGTCACTTGT
 GCTAGGAGCCTCAAGCTGATCAAGCAATTCTTCTGTAATCTGATAGGAGGCAGCAAGCAAGGACATC
 CTCAGTGGTTTCTGGAGCCACCGGCTACTGTCTGCAGCACCTTCTTTTCTTCTCATGATTTCAA
 AGCCAGCTATCTCTGCACTAGTGTCTGTGGCCTGTAGAACAAGCTTTTTTACCAAGCTGGTCTCTGG
 CCAGGGTGACGAAAGTCCACTTCAGCCACCAGGAGCAAAGCTGAAATGGCATTGTTTTTACACCTGG
 GGTGAGGGGATCGATAGTACGGCTGCCATTGGCTTTAGGTCTCTGGACCAGAGACAGGAGAGGCTTTG
 CGACTCCAAAGCTCTAGGCCAGATGTTACAGTTGTTTCGCAGCAGGCTCGATTCTGCCCTCTTTTTTAAC
 CATCTCCCTTGTAGATGATCCGGGCCACTAGAGATTAGCTTCCATTGCCTGAGGCAGAGGGAGGACACAG
 GTCTTCTGGAGTCTCTGTGCTTTTCCAGCCTCCCAAGCAACACACTATGGGGGAGAGGGGTGTC
 AAGAACTCCAGCTCACACATCTACCAAGATGCTTGGGGTCTCTTTTTTTCATCTGATTATGTTAGGCC
 CTAGCTTAGGTCAGCCCTGCTGGGCCCTTGGAGGGGCTCTGTGGCTGCAGAGCTGTTTTTACCCTGAC
 AACTGGGTTTGTCTCCCTACTCCACCCCAAGTGGTCAATAAGTCTTATTTGCAAAAGCCATGATCTTC
 AAGGGTGAGAGAAAAATCTGAAGTTCAGCGGAGACCTCAGAGAAAACGGGGCAAAGTGTCTTAGGCCAG
 AAGTACGCTGTAGCATTGTAACATTGTGACAGTGGAGACACCCCAACCCCTCTCTACCCCAACCCCA
 GACAGCCTTCCACTAGAGGCTGAAGCCAGGAAGCAGACAGTTGCTGTCTTATTCTGTTAAAAGCCTCT
 GGCACTATGAACAACGCAGTGTGGGGACAGTGGGTGACTCAGAATCTGCTGGTACTGGGGGTGGAGCT
 ATCACTTCTCCAGAGGGAGGACATCCAGGGATAGCACAAGTGTGAGTGTGAGTATTTTCCAGAGCTGGC
 GTGGAGGGGGCCCTCAGCGAGAGGTGACAACGTAGGACTGAATCAGCTTACGACCCCTGGGGCTGGAT
 GGGGATATCCCTCGGGGACAAGGACGGACATGCACAGAGAGAACCACAGCCTTGGGACCATAGGATTCA
 TGATTTCTGATACTGCTGATCAAAAATGCGCGCAATAAAGAATGTTGGTCAATACTGGAAAAAATAA AAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_054055

Insert Size: 1803 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:	BC026803 , AAH26803
RefSeq Size:	3229 bp
RefSeq ORF:	1803 bp
Locus ID:	114644
UniProt ID:	Q91Y63
Cytogenetics:	2 H3
Gene Summary:	High-affinity sodium-dicarboxylate cotransporter that accepts a range of substrates with 4-5 carbon atoms. The stoichiometry is probably 3 Na(+) for 1 divalent succinate. [UniProtKB/Swiss-Prot Function]