

Product datasheet for **MC205742**

Slc13a2 (NM_022411) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc13a2 (NM_022411) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc13a2
Synonyms:	mNaDC-1; Nadc-1; Nadc1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013493
 CGTAGCTCCTGGAAGCAGCTGCCGGGACAGGCTGGTCCTACCCATGGCCACCTGCTGGCAGGCACTATGG
 GCCTATCGCTCCTACCTGATTGTGCTATGTCTGCCATTTTCCTGTTGCCTCTGCCACTCATTGTCCAAA
 CTAAGGAAGCCTACTGTGCTTACTCCATCATCCTCATGGCGTGTGTGGTGTACAGAGGCCCTGCCCTT
 GGCTGTACCAGCCCTCTCCCATCATCCTCTCCCTTTGATGGGTATCATGGAAGCCTCCAAGGTCTGC
 TTAGAGTACTTCAAGGACACCAACATATTGTTTCGTCGGGGTCTGATGGTGGCCATCGCCGTGGAGCACT
 GGAACCTGCACAAGCGCATTGCCCTTGGAGTGTCTTATCATAGGAGTGGCGCCGCTGCTGCTTCT
 GGGCTTCATGTTGGTACAGCCTTCTCTCCATGTGGATCAGCAACACAGCCACCACAGCCATGATGCTG
 CCCATCGGGTATGCAGTCTGGAGCAGCTGCAGGGCTCACAAAAGGATGTGGAGGAAGGCAATAGTAACC
 CTTCTTTGAGCTCCAGGAAGCAAGTCCCCAGAAGGAGGAGACCAAGCTTGATAACGGTCAGGCTGTATC
 TGTTTTCTCGGAGCCAAGAGCTCAGAAGACCAAGAGCATCACCGCTTCCAGCCAGGGCCTGAGTCTCTGC
 ATCTGCTACTCAGCCAGCATTGGGGCATTGCCACCTGACGGGTACCACACCAACCTGGTGTCTCAAG
 GCCAGGTCAACTCGATCTCCCTGAAAATAGTAACGTGGTGAACCTTTCATGGTTTGGTTTTGCCTT
 CCCCACCATGGTATCTTCTGCTACTGGCTTGGCTATGGCTACAGGTCTCTTCTGGGTGCACTTC
 CGGAAGAACTTTGGCTTTGGGGAAGGGGAAGGAACGGAAGCAGGCTGCCTTCCAGGTCAAGACCC
 AGCACAGGCTGCTGGGCCCATGAGTTTTGCAGAGAAGGCTGTCACCTTCTGTTTGTCTGCTAGTGGT
 GCTCTGGTTCACGAGGGAGCCGGGCTTCTCCAGGCTGGGGTGACACAGCTTCGCAATAAAAAGGG
 CAAAGCATGGTATCAGATGGGACAGTGGCCATCTTATCAGCCTGATTATGTTTCATACACCCTCCAAGA
 TTCCAGGACTAACCGAGGACCCAAAAAACCAGGGAAGCTGAAGGCTCCTCCTGCCATCCTCACCTGGAA
 GACAGTGAACGATAAGATGCCCTGGAATATCCTGATCTTGTGGTGGGGGCTTTGCCCTGGCCAAAGGC
 AGTGAGGAATCAGGTTTGTCTAAGTGGCTGGGAGACAACTGACCCCGCTGCAGCACGTACCGCCATCAG
 CCACCGTGTCTATCCTCTCTATTGGTGGCCATCTTCACTGAGTGCACCAGCAACGTGGCCACCCTAC
 ACTATTTCTGCCATCCTGGCCTCCATGGCACAGGCCATCTGCCTTACCCGCTCTATGTCATGCTCCC
 TGCACCCCTGGCTGCCTCCCTAGCTTTCATGCTACCCGTGGCCACTCCACCAACGCCATTGTCTTCTTT
 TTGGAGGCTCAAAGTGTCTGATATGGCCCGTGCAGGATTCTGTCTCAATATCATCGAGTGTGACTAT
 CACATTATCCATAAACAGCTGGAGTATCCCTATCTTCAAGCTGGACACATTTCCACCTGGGCTACTCC
 AACACAAGCCAGTGCCTTCTCAATCCGCCTAATCCACTGTACCAGGCCACTAGACTATGGTACAACCTA
 GCTCTGTAGGGAAAAGCCGCTGGTGGCCACTCCTCGGAGCCAGGAGGGGCGCTCCAACTCCAAGTCC
 CGGGACAGAGGTGCAGAATCGGCTGGCGCATGCGAAATCATGTATTTCGTGTGTTGCCTACATCCTGTAT
 GTGTGCTCTCCGGTGAAGAGGAAGATGCTCGTGTCTCCGTGTGGTGTGCGTGGACGCTTGCCTGTGGTGT
 GGCTGAGGGCTCCTCAGTAGTTGTATGCATGGCAACCGCGCCCGCCTCTGACTCCAGCTAGGCCTCC
 AGATCTCTTTGCCCTGTATTTATTGAAACTCTGGGACAGGAGCCCTGGGAGCAGGAACTCCAAGTTCA
 TTAAGGCTTTTTTCAGTAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_022411

Insert Size: 1761 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: [BC013493](#), [AAH13493](#)

RefSeq Size: 2211 bp

RefSeq ORF: 1761 bp

Locus ID: 20500

UniProt ID: [Q9ES88](#)

Cytogenetics: 11 46.74 cM

Gene Summary: Cotransport of sodium ions and dicarboxylates such as succinate and citrate.
[UniProtKB/Swiss-Prot Function]