

Product datasheet for **MC204640**

Slc33a1 (NM_015728) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc33a1 (NM_015728) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc33a1
Synonyms:	Acatn; AI315656; AI788741; D630022N01Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC063104
 GTTCTGATTCCGCTGGCTCCGTCGGGAGGCACGGAACCCATTTTGGCAGGGAACTTCCCGAAGCGCGA
 GGCAGGAAGTTATCCTTTACCTCTGGTGTCTACTGAGGAGGGTCCCCGCTGCAGTGTGAGCTGGTGGACG
 GGCAAGAGAGCGTTTCGAGTCCCCGCTGCAGTTAAGAGCCAGACTCCGTCGCAGCGCCACGGCAGCTCCG
 CCAGCCTCAAGCCGGGTGCGGCTGCACGGGGAGCTTTGCCGGCTCCCTGAAGTCGCTCCTGTGGGCAGC
 GACCCAGGCTTCGCCTGGGCCACCTGCCAGGGATCTGGCTCCCTGCTGCAAAAACAGCGACCAGTCTCTCC
 CGTCCGCCCTCCCGCGTTGAACCACCGTGACCCGGGTCCAGAGAGACTGCCTTGGACCTGGGACTAGA
 CTGATCAAAAACGCCAGCCTCAGGCCCCACACACCGGGCTCTGCGTCGTCTCTGATATGTCACCGACCAT
 CTCCACAAAGGACAGCAGTCGGCAGCGGGTCAAGGCATGTTTAGCCACGCTCTGGATATGAAGAGTGGC
 CCGCTGCCACCGGGCGGCTGGGATGACAGTCGCGGAGACTCGGTGGGCGGGGAGGGGGACCGGGAAGTTC
 TTCTAGGTGATGCCGGCCCTGGTACTTACCTAAAGCCCCGCGGAGCTATAGATCCGAACTAAGTAGCAT
 TTTGTTACTACTTTTCTTTACGTGCTTACGGCATTCCCTTAGGCCTGGCGGGGAGCATCCCCCTCATT
 TTGCAAAGCAAAAATGTTAGCTATACAGATCAGGCTTTCTTCAAGTTTGTCTTCTGGCCATTCACTCTTA
 AGTTGCTCTGGGCTCCCTGGTTGATGCCGTCTACTTTAAGAATTTGGTCGTCGCAAGTCTGGCTTGT
 CCCTACTCAGTATACACTAGGAATCTTCATGATATATTTATCCACTCAAGTGGACCGTTTGTCTGGAAAT
 ATTGATGGCAGAACACCGGATGTAGTTGCTCTCACTGTGACATTCTTCTGTTTGAATTCCTGGCTGCCA
 CACAGGACATCGCTGTGGATGGTTGGGCATTAAGTATGTTATCCCGGAAAACGTGGGCTATGCTTCGAC
 ATGCAATTCTGTGGGCCAAAACAGCTGGCTACTTTTTGGGCAATGTTTTATTTTTGGCTCTTGAATCTGCT
 GACTTTTGTAAACAAATACTTGGCGTTTTCAGCCTCAACCCAGGGGAATCGTTACCCCTTTCAGATTTTCTAT
 TTTTCTGGGGAAGTATTTTTAATAACAACAACATTAGTAGCCCTTCTGAAAAAAGAAAACAGAGAAGC
 GTCAATAGTAAAAGAAGAGACCAAGGGATCACAGACACTTACAAGTCTATTCTCAATTATAAAAATG
 CCAGCAGTTCTGGCCTTTTGCCTTCTGATTCTAACGTCAAAGATTGGCTTCTCAGCAGCTGATGCTGTGA
 CAGGCCTGAAGCTGGTGGAGAAGGGTGCCTAAAGAGCACCTGGCCTTACTAGCTGTCCCAATGGTCCC
 TCTGCAGATAAATCCTGCCACTCCTCATCAGCAAGTATACTGCAGGTCCCCAGCCTCTGAACATATTTTAC
 AAAGCCATGCCCTACAGATTATTGCTTGGATTAGAATATGCTCTACTTGTGGTGGACTCTAAAGTAG
 AGCATCAAGGAGGATTCCCTCTATATTACTATATTATAGTGTGCTGAGTTATGCATTACATCAGGTAC
 TCTGTACAGCATGTATGTGTCGATAATGGCTTTCAATGCCAAGGTCAGTGATCCTCTTATTGGGGAAACA
 TACATGACCCCTTTAAACACTGTGTCTAATCTGGGAGGAACTGGCCTTCTACAGTGGCTCTTTGGCTAG
 TGGATCCCCTCACAGTGAAGGAATGTGTAGGAGCTTCAAACCAGAATTGTCGGACACCTGATGCTATCGA
 ACTTTGCAAAAAAATTGGAGGCTCGTGTGTACAGCTCTGGATGGTACTATGTGGAATCCATTATCTGT
 GTTCTCATTGGATTTGGTTGGTGGTCTTTCTTGGTCCAAAATTTAAAAAGTTACAGGATGAAGGACCAT
 CCTCATGGAAGTCAAAAAGGAACAACACTGATGCCAACATTACTGGACATTCTAGAAGGACATATGGTGTCT
 CCTGAGTGTGAAATTATTCTCCATTATCTAAACCAAATACCTCAACAAATCCTTCCCATCATAATTCTG
 CCTACTACCTGCAGTGAGAGGCTCCCAGGTTGAAGGAGAGCTGTGAGCTCAAGTTAAACTAAAGAACATA
 TCCTATCCGTAATCTTTAAAATTAGCAGTGGGAGCTGGAGGGATGGGTGGGCAGTCAAGAGCACTGACT
 GCTCTTCCAGGGGACTTGGGTTCCATCACATCTTCCATATGGTGGTTACAACCCCTCTGTGACCCGAGTC
 CCAAGAGATGTGTGCTCTTCTGGCGCTGCATGCACCTGGGTGCACATCCATACATGTAGAAAAAAGC
 ACCATCGTATATAAAAAATAAACAATCTATAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_015728

Insert Size: 1653 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: [BC063104](#), [AAH63104](#)

RefSeq Size: 2558 bp

RefSeq ORF: 1653 bp

Locus ID: 11416

UniProt ID: [Q99J27](#)

Cytogenetics: 3 E1

Gene Summary: Probable acetyl-CoA transporter necessary for O-acetylation of gangliosides (PubMed:10570973). Negatively regulates BMP signaling (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.