

Product datasheet for **RN207030**

Slc33a1 (NM_022252) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc33a1 (NM_022252) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc33a1
Synonyms:	Acatn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207030 representing NM_022252
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCACCGACCATCTCCACAAGGACAACAGTCGGCAGCGCGGTGTCAGGCATGTTCCGGTACGCTCTGG
 ATATGAAGAGTGGCCCCCTGCCACCGGGCGGCTGGGATGACAATCACAAGACTCGGTGGCGGGGAAGG
 GGACCGGGAAGTTCTTCTGGGGATGTCGGCCCTGGTGACTTCCCAAAAGCCAAGAGGAGCTATAGAGCC
 GAACTAAGTAGCATTTTGTACTACTCTTTCTTTACGTGCTTCAGGGCATTCCCTTAGGCCTGGCGGGGA
 GCATACCCTCATTTTGCAGAGCAAAAATGTTAGCTATACAGATCAAGCTTTCTTCAGTTTTGTCTTCTG
 GCCATTAGTCTTAAGCTGCTCTGGGCTCCCTTGGTTGATGCCGTCTACTTTAAGAACTTCGGTCTGTCG
 AAGTCTGGCTTGTCCCTACTCAGTATACTAGGAATCTTCATGATTTATTTATCCACTCAAGTGGACC
 GTTTGCTTGAAAATTGATGGCAGAACACCGGATGTAGTTGCTCTCACTGTGACTTTCTTTTTGTTTGA
 ATTCCTGGCCGCCACACAGGACATCGCTGTGGACGGTTGGGCATTAAGTATGTTATCCCGGAAAACGTG
 GGCTATGCTTCGACATGCAATTCTGTGGGCCAAACAGCAGGCTACTTTTTGGGCAATGTTTTGTTTTGG
 CTCTTGAATCTGCTGACTTTTTGTAACAAAATATTTGCGGTTTTACGCTCAACCCAGGGGAATCGTTACCCT
 TTCAGATTTTCTATTTTTCTGGGAACTGTATTTTTAATAACAACAACATTAGTAGCCCTTCTGAAAAAA
 GAGACCAGAGAAGCGTCAGTAGTAAAAGAAGAGACACAAGGGATCACAGACACATACAAGCTGCTTCTT
 CAATTATAAAAAATGCCAGCAGTTCTGGCGTTTTGCCTTCTGATTCTAACTCAAAGATTGGCTTTTCAGC
 AGCAGATGCGGTGACAGGCCTGAACTGGTAGAAGAGGGAGTGCCTAAGGAGCACCTGGCCTTACTGGCT
 GTCCCAATGGTCCCCCTGCAGATAATCCTGCCCTCCTCATCAGCAAGTACACGGCAGTCCCCAGCCTC
 TGAATATATTTTACAAAGCCATGCCCTACAGATTGTTGCTTGGATTAGAGTACGCCCTCCTTGTGGTG
 GACTCCTAAAGTAGAGCATCAAGGAGGATCCCTATATATTACTACATCATAGTGTCTGCTGAGCTATGCC
 TTACATCAGGTCCTCTGTACAGCATGTATGTGTCAATAATGGCTTTCAATGCCAAGGTCAGTGATCCTC
 TTATTGGAGGAACATACATGACCCTTTTAAATACTGTGTCCAATCTGGGAGGAACTGGCCTTCTACAGT
 GGCGCTTTGGCTAGTGGATCCCCTCACAGTGAAGGAGTGTGTAGGAGCTTCAAACCAGAAGTGTGGGACA
 CCTGAGGCTATCGAACTTGCAAAAAGCTTGGCGGCTCGTGCCTTACAGCTCTGGATGGTTATTATGTGG
 AATCCATTGTCTGTGTTCTCATTGGATTTGGTTGGTGGTCTTTCTTGGTCCAAAATTTAAAAAGTTACA
 GGATGAAGGACCGTCTCATGGAAGTGCAAAAGGACCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_022252
- 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: [NM_022252.2](#), [NP_071588.2](#)

RefSeq Size: 1994 bp

RefSeq ORF: 1653 bp

Locus ID: 64018

UniProt ID: [Q6AYY8](#)

Cytogenetics: 2q31

Gene Summary: acetyl CoA transporter involved in ganglioside O-acetylation; may function in embryonic development of the nervous system [RGD, Feb 2006]