

Product datasheet for **SC208277**

SLC33A1 (NM_004733) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC33A1 (NM_004733) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC33A1
Synonyms:	ACATN; AT-1; AT1; CCHLND; SPG42
ACCN:	NM_004733
Insert Size:	2000 bp



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Insert Sequence:

>SC208277 3'UTR clone of NM_004733

The sequence shown below is from the reference sequence of NM_004733. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTTCGTGGAAATGCAAAGGAACAATTAATATATATGCTACTGGACATTCTAGCAAGGTAATTGTAGT
TTAGTTTTAATTCGGAGAGCAATGATAATCAGTGACAGGAGTATAAAATATTATTTTAAACAGCGAAA
TTAATAATATAAAATGCCAAATGGTTGAAAAAATAGAAACCTTTCTGTATATTTGATCATATTTTTTTT
TTGCCCTGTCAATGTATTTAAAGTTTACTTAAGGTCAGGAAATCTAAAACAACCTTTCTGGCCTTGTT
ATTTGATGTATATCTTTAAATTTACTGACCAAAGCATGTTTTAAGCTGCAATGCAGTAGTCACGGGTG
GTAACCATGTAGTCAGGTATTGTTATTAGTACCTATCACTGCTGAGCTGTATTTAAATTTTGGTACAA
TATATAAAATGGAGAAGAGCTTGATATTCAGGTAACCACTAGTCTGACATTGTTGGCAGTTAA
AATCTTATTTGAATTGTAATTAAGTTAAATTTTATGTGGAATTTGCTGAGAAAAGAATATAGACTACT
GAAATGTCATTTTGTATTTTTCTTATGACCACATTGTACAAATGAATCTGTGTTAAAAAGACTATTT
TAAATGTATTTCTGCTTTTGTAAAGCATTAAAGATTTATAAGAAAATTATTCAAACCTATTTTTTATAAA
ATGAAAGTTATGATTTTTAACTTATTGATTCCTTGGCCCTACCCCTCTTTTGGAGATATTTTG
ATTCCTTATAAATTTTACCCTAAGCTTATATATGTTTTCTGTCAACAAGTCTTCTGGCACACAGACA
GCCAATGGAGGGGATCAAATTCAGTGTTGTATGTATGTTTATGGCAACATTTTGAATAAAAAATAAA
TGTTTTCTTCAAGTAGTTTTTTTTAATTGCTGAGAGAAAAAACAAGTAAAGCTTTCTGATTAAGTAA
AATTTAAATGGCAGTACCATAATTTAAAAAATAACTTTAAAGAGAGAGACAAGATATTTTGTGC
CTTTGACAAATTAATCTAATAGTGGAAAAATGTTTCTTAATTAAGCACTTTACTAGTAAAAAGATCT
CACAATTTATGCCAAATCAGGTAAGTATTTTTCATGTATTAACACATAACCTTTTGTGTTGAATACTATA
GTTTTCAAGTGGACAGTTGCTATTCCAAGAAAATTAAGCTTTTGTGACTTTAGCAATCCACGCGTATT
ACATACACCCAGTGATAAGGTTCTTTGTCATGTTTTGTGTTATGTATTACTCTGACTCTTTAGAGATTAT
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ATGTGTAATACTCCTGATTTTGTAAATTTTATAACATAGGTTGAATTTTAGAGTGGGTTTTTATAAG
TAATGGAGGATAAAATGGGTGGGAGAAAATGGCACACAGCACCTGAAGAAAGATGGGGCAGTGACCTCT
AGAATCATGCATTGCCATTGAAAAGCCTGTGTTGGGCATCGATGTCAGATCCTGAAGAATCACCTGGA
AAAAATCCCATCCTAGAGGCAAGGAGGCTACACCAAAACATACACTACAGTACTTTGTCACATGGTTGT
CCATTATCATGTATTAGAGTCTAAATGATTACTTGAATAAAGAAAAAAAACCACTTAACTCTTACATAT
GAAATGTGTTTTGATTTTTAATTTTTGGATTAAGAACTCAGATTGCCATAATAACCTTTTATTTCTTC
CCGTGTATATTATTACAAATTATATATACTTTCAAACATAGTTTTTTTTTTTTTAAATTGAGACAGAGT
CTCACTTTGTCACCCAGGCTGGAGTACAGTGGTGAATCTCGGCTCACTGCAACCTCTGCCTCCTGGGT
TCAAGTGATTCTCCTGCCCCAGTCTCTGAGTAGCTGGGACTACAGGCGCACACCACACCCCGGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_004733.4](#)

Summary: The protein encoded by this gene is required for the formation of O-acetylated (Ac) gangliosides. The encoded protein is predicted to contain 6 to 10 transmembrane domains, and a leucine zipper motif in transmembrane domain III. Defects in this gene have been reported to cause spastic paraplegia autosomal dominant type 42 (SPG42) in one Chinese family, but not in similar patients of European descent. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]

Locus ID: 9197

MW: 77.8