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Product datasheet for SC216779

SORCS3 (NM_014978) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SORCS3 (NM_014978) Human 3' UTR Clone
Symbol:	SORCS3
Synonyms:	SORCS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014978
Insert Size:	1898 bp

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Insert Sequence:

>SC216779 3'UTR clone of NM_014978
The sequence shown below is from the reference sequence of NM_014978. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGAGATCCCCAACTGCACTAGTGTTTAATACCAGCAAGCCACGTGGTCAACCACCTTTCTGACTTTT
TATTTTTGATGATTACTATTACTATTATTATGGAAAAATTAAAATGTCTTTTTTACCTTTTGTTTACCA
AGGGCCCCTTCATAAATAGCAGGCAAATGCCTAGCTTTGGGAGAAAAGGGCATTCTTAGCTGATTGAAA
TGAGACAAAGGGAATAAATGGCTGTATTTGTGCTAAGAGCAAAGGATGCATCTTCCCACAGCCTCCTCG
CTTTACTCTGCCATTGGTAGCTTAAAGACTTTCTTTTTCCTTGTGGTCTCCCTTTTTTCAAAATTGAAG
TTGGGTTGGCTCTTTGTGAACCTCTCATCCCCACAGCAGAATCACCAACACTCTCCGCTTCCCCCAGCA
CACACACATACAACACAGATCATTTCCCAGTTAGATCCGCAGGAAGTAGGTTGGTGGGGGTGGATGTAG
CTGCAGAAAGCATGCACAACTTTGTGAAAGAGGCCCTGCCTTGTGCATGTCCATAGTGAGGCTACAGAT
GGCTTATTGTATATAATTACAATGTAAATAGCTTTTTATTTCCTAAGAAATAATTTAATGTTTAGTAAA
AAAGAAAACAGAAAAAAGAAAGATGCGTGTGTTGGCTTACGCACTGGCCCTCAGAGCTGACCAACCCGC
CAGGCCTGCTCAATGCATTGGGTTTGGATGCTCTCCTGTTGTCTGTCACACTTAACTCTTGCATCTCCT
TGTCCATGCCATAGCTGGTTTCTACTTATGTATATAAAGGGGGGTGGGGGGAGGGGCTTCTCTGGGGCA
ATTGATAAAGGAAGGACTCTAGTGACATCATAGAACATGGCAGTCGTTTTTGTTCCAAGAATGATATGA
AAGGTGAAGAAGAGGCCCACTAGAGGCTTCATACTGAGACCCAGATGGGGGAAAACAGCTTCCTCTCTA
AAAGGAAAAACTTGATATTTATCAGTCTGAGAAAATATTTTTTTCTAAAGAAGGCAGTCAGTGGATCTT
AAAATGACAATCTGTTTTTAAATTGGATTCTATGAAAATGCATAATGCTTATGGTGAATTCTCAGGCTA
TTCTGAGCTCAGAAAAGTCCCCTGGGCACTAGGTAAAGCCCAGTGAATGTCTCTTGGCATGGGAGGAGT
TAAAGAGGTTGGAAGGGAAGAGGCATTTGTGGAATTATGAGTTCATGCAAAACTCTCCAGGCCAAGTAG
GGGTCTAGCCTTTAATGATATTAGTCAAAGGCAATTTTAGCAAAGCTGTGCTATTTGCTTGTCAGATGT
ACACAACTTCCTTAAAGTCAAATGTCTGCCTTCAGTTCCCTTAAGGTAGTTCTTGCCTCTGGGGTGAGT
GGCTTTCAAAGCCTTTTAGCTTTTCCAGCACCTCAGCCCCTTCACACATTTACACATACCAATTTTTTT
CAATAGGGTCACGTTAAGCCATGCTGTAAGCATTGTTTTTATTTTCAGGCTTAGCCTGAGCACACTTAT
TTTTGAAAATGATATAATGTATATATATGGGAGGAAAGGCCACATTTTGTACCTGTTAATTTTTGTGGG
ATGTTGTTCCCATTCTTCTTTGTGAGACAGAGAGAATGTGATATAGAGAAATCTGGCTGGCTACAGTGT
AGATCAGTATTAGGAATATTTCTAAAGATCCTGCTTTTTTGTTTCAAGGGTTAAATGGGGCAGACAATT
GCAATACTTGTACTAAACACTGGAATACAAATGCATGACTCATATCTATATATACAGTATATGTACATA
TACTGTTCTTGGTTTTATTGTTCCACTTGAATATTTCTACTGTAAAAAAAAGACAGTGGTTTTGAAATT
GTTGAAAATAAATGTATTTTTGTACATCAAAGCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_014978.3

Summary: This gene encodes a type-I receptor transmembrane protein that is a member of the vacuolar protein sorting 10 receptor family. Proteins of this family are defined by a vacuolar protein sorting 10 domain at the N-terminus. The N-terminal segment of this domain has a consensus motif for proprotein convertase processing, and the C-terminal segment of this domain is characterized by ten conserved cysteine residues. The vacuolar protein sorting 10 domain is followed by a leucine-rich segment, a transmembrane domain, and a short C-terminal cytoplasmic domain that interacts with adaptor molecules. The transcript is expressed at high levels in the brain, and candidate gene studies suggest that genetic variation in this gene is associated with Alzheimer's disease. Consistent with this observation, knockdown of the gene in cell culture results in an increase in amyloid precursor protein processing. [provided by RefSeq, Dec 2014]

Locus ID: 22986

MW: 72.5