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Product datasheet for SC216792

ASAH3L (ACER2) (NM_001010887) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ASAH3L (ACER2) (NM_001010887) Human 3' UTR Clone
Symbol:	ASAH3L
Synonyms:	ALKCDase2; ASAH3L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001010887
Insert Size:	1899 bp

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Insert Sequence:

>SC216792 3'UTR clone of NM_001010887
The sequence shown below is from the reference sequence of NM_001010887. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAAGAAATCATCAGTCAAGATCACGTGATGGCAAGATGGTGGCTGGCTTCTCTGCTTATCGCCCCTC
ATGCAGTGGGCTTCCTTTGCTAGGAAGACAGCCAAGGGAGTTCGAATAGTTGGGGTGTGGGCTATCTTT
TCAAAAATCTATTTGCTGGGGCTCTTAATTTCTTTAGTGTTCTTTGTATGTAGGGATTTAAACTTTGTC
ATATGGTACAAATATTCCCTGCCCCCCTGCAGTTTCCCATTTGTCTTTCAGTATGTTAATATTTTTGTG
CCATACTGGTTTTAAACTTTCATGTTGTCACATCTGTTAATCTTTTCTTTAGGATTTCTGGATTTTGTG
TAATTTTTAAAAAGGTCCCCTCCTCCTCCCTAATGTGTCTGTGGACCACCTGGATTCCACTGTACAAGG
GGAAAAGTGTCTATTCCTTTCCCAAAGATGGAAAATGGAGGGCTTAGGGACACTAGATGCATCTTTCTC
AGCATCACTTCCAGATGCAGTGACTTGTTGGGCTGCGTCCTTAATGGCCATGGCAGAGCAGTCCCTTGG
GGGATCCAGCCCTGTACAATGCATCTCTTCCTGGAGAAAGCTGGCCTGCTCCAGACCCCACCATTCCCA
GGCGCCCTTGGAGTGGACTCTACTGATGACAGACAGACCCTCTGAGAGACAAGACCCTCTGACTCTGTG
ATGGAAGATGCCAGAGATTTTCCTTTGGGGTAATTGTCCTTAAACAAAACCAAACAGATGAAACACACA
CAGGACTTGTGGCTAAAAAGGCTAGTTTTTCACTTGCATTTCTCAACTAACCCAGGTTTTACATGCATC
TGTGAATCCTTTTACTACTACCTCTGTGGAGAGATGGAGAGACTTCAGATAAACGTGAAGCTAATGAGT
AAAACCCTCTCTGCCAAAACCTACACTCCACTTTAGGCCCTTCTTGAAGATGAGCACAATTTTTAAATA
CTGAGCACAATTTTTAAATACTGACATCACTTCCTCTTCCCCCTCCCACCCCAGCTCAGCAGCCTCAAA
TCTACAGAGAAGAAGAATTATGGCATGAACATTCCCACAGACCCACCATCTTTAAGACTTGACCTCTGT
AAGTTTACCAAAGGGCTCCTCACAATTGTGGTGGGGGTTCTGGTTCAAAATTTGGAGCAAACATGAAGT
TTTTGGAAACGTTTTCTCATTTGAAGCCTCCAGTATGCTGTACTATTCTGGAAATTACCTTCAAGAGTC
TCACTTCTTGTTTCTGTTGTGTTTTCTGTGGGCATCATGTTCTTCACGCTTGCAGTAGAAGGTGCTTTC
TCGGTTTCCCAGAGTATCCAACGGCTCACCTTTCTCAAGTGCTGGCAGTAGCTATGCACTCACGGGCTG
GTTTGGGTCGCTGGTGCAGCAGCGCAAATCTGTTGCCTTCTGAATTTTTCTCACCTAATGTGACACTGG
CTACAATGAATCTTCTCTTCATCGGGCTGAATGAAAGATTCAAGAACCATCTTCAAGGTGCATGGTGGG
AATTATCAACCTCAGGGATACTCATTTTAACTCAGGCGTGTCCTGCTTTGTAACATTCCATTGTTGGGA
GAGGGCAGGACAGGTGTGTTCTTCTGTGGGCAGGAGTCATGTCACTGTCCTACATATGTAAGAGTTGGG
AAGGTGACGATTTTTGACACATCCAGGAACTCTTACTCTAGTTAGAATTTGTACCAGATCCAAGGTGAA
AACCCCAATAAGCAACTGAATTTAGAGTTTAAAAATGAATGACTTTATGCTACATCTGTGGTTATCAAA
TTATATAGGTTGTTGAGAAGCAGAACGCTGTTTGTAGTAAGAAATCTTTGTGGAACCCCAGTGTGTGAA
GTAAATTGTATGTTATTAAATTTATTTAAGGTTAAA
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_001010887.3

Summary:	The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]).[supplied by OMIM, Jul 2010]
Locus ID:	340485
MW:	72.2