

Product datasheet for **SC200461**

ASAH2 (NM_001143974) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ASAH2 (NM_001143974) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ASAH2
Synonyms:	BCDase; HNAC1; LCDase; N-CDase; NCDase
ACCN:	NM_001143974
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC200461 3'UTR clone of NM_001143974
The sequence shown below is from the reference sequence of NM_001143974. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCCCGGCTTTTGAAGTTGTAAGTATTAGTGTAAAAGTTGATAGATCATTAAAGAACAGCTTTACTCT
CTACACATTATATAAGTGATTTCAAATGAATGTGAACTAGTGAACACCATGTTGACTTCTATAATCGT
CCCTGTTTGGGACAGATAGTTTACTGCTAATGGGGTGGAGGGGTGTGTGTGTGTGTGTGTGTGTGTGT
GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT
TTGCTCCAGCAGCCATATATCTTGTGGTCTACAGCCTAAAGCATGATTTCCCTTGAAGTCTTGGGGTTG
TTTAAAGGAGAGTCCCTTCAATATAAACCTCTGAAATATTAGTGAGAATGGCTCACTAATGTGAACAA
TGTTTAAATTATTTATATATAAGAATTACTGAATATTAGTACTGGGAAAATTTATAGAAATCATCT
AGTCTTACCTTCATCTTACATATAAGAAAAATGGTCTTTTCTTCTAATCACATTTACAAAAATGATA
TAAACCTTGACCATGAATGTATGAGCCTAATTAGAGAAAACAGAAAATCAGCATGTGAGTTTTCTTCAT
TCAAAATAACATAGTCTTTCTAAGCAGTCATTCTGGAGTTAACATGCCTAGTTCAGAGCCGCTGTGGAT
GCTCAAATCATTCTGGAATTCCTTTCAGGACACAATTATGAGAAAAGTCAGACTTCCAATATTTTGATC
ATGCCTTGTGTTTTCTAAGTGCCTTATCCCCTGGATTGTGTCTTTACTCCCAAGACTTATTTCAA
ATGATTTTTGACTCTTTTCAATCAAAATTCACCCCAACAGAAAAGTTTTGCCATTAGTGTAGATA
TTAAAAATTTACTGGCTGGGAAAGCACTCCTCAAAGCAGAGTTCTAAATTAATTTATCTGTTCTTTT
ACCATTGTCTCACTCACTCATGGACCCATTCAATCATAGAATATTTAAGATTTATATGCCAGAA
TTATAATAGTGCTAGGCCTTGATAATTAGTGAATTTGTACTTGGGGTGAATGTGTAAGTGTCAAAGG
TAACTATTATGAAGGAGAAAATAATCGATTTAATATGTAATTTCTGGGGAAGCATTTAAAAAATCAGTA
ATCTTCAAGTTATATCTTGTGTATCATCTGTGTTGGATACTCTAATTTGGGGGAAAGAGCTCCAGAC
AGTTTGCTAAATACTATTTTGAAGTTATTTTTGGGCATTGTAATAACCTTGCTTCATACCCCAAGA
ATAAGATATGACAGTCTGACATCGATTGTCTGAAAGTACTAATTCATTTAAAATCTTTAAGTTAACT
ACAACCTCCAGACTGCAAAGCAAATTTCAAACCCAGGTCATACTTTTGTATGTATGTAAGCTTT
AGCATTTTAGGGAAAAAATCAATCTGTATTTAAAAATAAACTTTGAGGTTTAAAATAATAACAATA
TTCATAATGGTAGTATTAACATCTATTATGTATACTTAATCTCAACATAATTTATTGAATTAGAATGA
ACCTGGAACACTTTTTGATGAATTGGTATCCTAGAGGCTGTTTCTTGGGCATTAAGTGTGGAGGATT
AGGTAATCAGGGATTCCAAGTGTGTGATCTTTTTCTGATGATGCCACAGTCTTCAGTGTAAAAGTTC
AGAAGCCTAAAAGAACAAGTGATCCTGAAAGTAGCTGATTCCAGACAAGAAAATTATATTAGAACTTAT
GATATGGTTTTTTAAAGTATTTGTTTACTCAGAAGGGTTATGAATCAGTTTCCACTACCTCTATTC
CTTCTATTGAAGCTTTTCTCAAATCTACTTGTGATTCTGATAGCTCACTGGCAACTGTACCAAGGTGG
CCACTGTATCATCTACTGATCCTACTGCACCTAGCACTCTTGGCTCCAGATAACGCACAGAAACCTAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

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_001143974.3](#)

Summary: Ceramidases (EC 3.5.1.23), such as ASAH2, catalyze hydrolysis of the N-acyl linkage of ceramide, a second messenger in a variety of cellular events, to produce sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra- and intercellular second messenger (see MIM 603730) (Mitsutake et al., 2001 [PubMed 11328816]).[supplied by OMIM, Mar 2008]

Locus ID: 56624

MW: 77