

Product datasheet for SC317570

ASAHL (NAAA) (NM_014435) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASAHL (NAAA) (NM_014435) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASAHL
Synonyms:	ASAHL; PLT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317570 representing NM_014435. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCGGACCGCGGACCGGGAGGCGCGCCCGGGCTTCCGTCCCTGCTGCTGCTGCTGCTGGCCGGGGCC
GGGCTGTCAGCCGCCTCGCCCCAGCAGCGCCCGCTTCAACGTGAGCCTGGACTCGGTCCCCGAGCTG
CGCTGGCTGCCCGTGTGCGGCACTACGACTTGGACTTGGTGC GCGCCGCGATGGCGCAAGTCATCGGG
GACAGAGTCCCCAAGTGGGTGCACGTGTTAATCGGAAAAGTGGTCTGGAGCTGGAGCGCTTCTGCC
CAGCCCTCACCGCGGAGATCCGCGCATGTGTGACTTCATGAACCTCAGCCTGGCGGACTGCCTTCTG
GTCAACCTGGCCTACGAGTCCTCCGTGTCTGCACCAGTATTGTGGCTCAAGACTCCAGAGGCCACATT
TACCATGGTCGGAATTTGGATTATCCTTTTGGGAATGTCTACGCAAGCTGACAGTGGATGTGCAATTC
TTAAAGAATGGGCAGATTGCATTCACAGAACTACTTTTATTGGCTATGTAGGATTATGGACTGGCCAG
AGCCACACAAGTTTACAGTTTCTGGTGATGAACGAGATAAAGGCTGGTGGTGGGAGAATGCTATCGCT
GCCCTGTTTCGGAGACACATTCCTGTCAGCTGGCTGATCCGCGCTACCCTGAGTGAGTCGGAAAAC TTC
GAAGCAGCTGTTGGCAAGTTGGCCAAGACTCCCCTATTGCTGATGTTTATTACATTGTTGGTGGCAG
TCCCCCGGGAGGGGTGGTCAACGAGGAACAGAGATGGCCCAGCAGACATTTGGCCTCTAGATCCT
TTGAATGGAGCGTGGTCCGAGTTGAGACAAATTACGACCACTGGAAGCCAGCACCAAGGAAGATGAC
CGGAGAACATCTGCCATCAAGGCCCTTAATGCTACAGGACAAGCAAACCTCAGCCTGGAGGCATTTTC
CAGATTTTGTGGTGGTCCAGTTTATAACAACCTCACAATTTACTACGGTAATGAGCCCGGTAGC
CCAGACAAGTACATGACTAGGATCAGAAACCCGAGTAGAAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_014435



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Insert Size:	1080 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_014435.3
RefSeq Size:	1880 bp
RefSeq ORF:	1080 bp
Locus ID:	27163
UniProt ID:	Q02083
Cytogenetics:	4q21.1
Protein Families:	Transmembrane
MW:	40.1 kDa
Gene Summary:	<p>This gene encodes an N-acylethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>