

Product datasheet for **SC213195**

ASCL1 (NM_004316) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ASCL1 (NM_004316) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ASCL1
Synonyms: ASH1; bHLHa46; HASH1; MASH1
ACCN: NM_004316
Insert Size: 1229 bp
Insert Sequence: >SC213195 3'UTR clone of NM_004316
The sequence shown below is from the reference sequence of NM_004316. 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
GAGCTTCTCGACTTCACCAACTGGTTCTGAGGGGCTCGGCCTGGTCAGGCCCTGGTCCGAATGGACTTT
GGAAGCAGGGTGATCGCACAACTGCATCTTTAGTGCTTTCTTGTGTCAGTGGCGTTGGAGGGGGAGAAA
AGGAAAAGAAAAAAGAAAGAAGAAGAAGAAAAGAGAAGAAGAAAAACGAAAAACAGTCAACCAAC
CCCATCGCCAACCTAAGCGAGGCATGCCTGAGAGACATGGCTTTCAGAAAACGGGAAGCGCTCAGAACAG
TATCTTTGCACTCCAATCATTACGAGATATGAAGAGCAACTGGGACCTGAGTCAATGCACAAAATGC
AGCTTGTGTGCAAAAGCAGTGGGCTCCTGGCAGAAAGGAGCAGCACACGCGTTATAGTAATCCCATCA
CCTCTAACACGCACAGCTGAAAGTTCTTGCTCGGGTCCCTTACCTCCTCGCCCTTTCTTAAAGTGCAG
TTGTTTACAGTGAAACTATGCTATTCTCAGCCCTTTGAAACTCTGCTTCTCCTCCAGGGCCCGATTCC
CAAACCCATGGCTTCCCTCACACTGTCTTTTCTACCATTTTCATTATAGATGCTTCCAATCTTTTGT
GAATTTTTTATTATAAAAATCTATTTGTATCTATCCTAACAGTTCGGGGATATATTAAGATTTTTT
GTACATAAGAGAGAAAGAGAGAGAAAAATTTATAGAAGTTTTGTACAAATGGTTTAAAATGTGTATATC
TTGATACTTTAATCATGTAATGCTATTACCTCTGCATATTTTAGATGTGTAGTTACCTTACAACCTGCAA
TTTTCCCTATGTGGTTTTGTAAAGAACTCTCCTCATAGGTGAGATCAAGAGGCCACCAGTTGACTTCA
GCACCAATGTGTCTTACTTTATAGAAATGTTGTTAATGTATTAATGATGTTATTAATACTGTTCAAGA
AGAACAAGTTTATGCAGCTACTGTCCAACTCAAAGTGGCAGCCAGTTGGTTTTGATAGTTGCCCTTT
TGGAGATTTCTATTACTGCCTTTTTTTTTTCTTACTGTTTTATTACAACTTACAAAAATATGTATAACC
CTGTTTTATACAACTAGTTTCGTAATAAACTTTTTCCTTTTTTTTAAAATGAAAA
AGCGGACCGACTTACGCGTAAGCGCCGCGGCATCTAGATTCTGAAGAAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
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Restriction Sites: SgfI-RsrII



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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:	<u>NM_004316.4</u>
Summary:	This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal commitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases. [provided by RefSeq, Jul 2008]
Locus ID:	429
MW:	47.6