

Product datasheet for **SC123607**

ASH1L (BC017347) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASH1L (BC017347) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASH1L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC017347 edited

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GGCACGAGGCAGTGGCTCCCAGAAAGCCCAGGATTCAATCGCTGAGAGAGTGCTTAGGCC  
CGAATGCCGGCCAAATCGTTCTACTCACCGTGTCCGAGGCCGAGGCCGAGGCCGAGAGC  
GATGAGAGTGCAGGGAAGTGGGGAAGAGGGGTGGCCGCCAGGCTCCTCCGCTTCCCTGG  
GTCCACGGCGGATCCCTCCCGCTTGTCCAGGAGGCCAGCGGTAGCAGGACCGCTGCTG  
TGGAGCTGGTCCGAGGCGGTGTGTGCCGGTCCCTAGTCAGGAGAACTAGTCTCGACTC  
ACGGTGAGGGAATGGACCGACACGGGTATTGTACCGCTGAGGGAAAGGAGCGGGACTCCG  
GACCTCCAGGAGGTAGGGAGTGAGGCCAGTAGGACCGCGCGCCTCCGGGGGATTCCCTC  
CCGGGCGTTGAGTTGCCAACCTGGGACCCGAGGAAGATCGGCGTGGTGGTGTGCTTTTTG  
TTGTTTGAACCTCCTCGGATTTCTCGAATTTACACCACTGTCCATATGCGATGATGT  
TTGTTTGCCTTGACGCACTTACTCATGGATGGTACTTCTCAGCCTCGTTAGACAGCCT  
GGTGATGGAGGATGAAGAAACCATGTGCTTTTCATTTCAGTTCTGGACTTAGTCTCCCTTT  
TCTTCCTCAGCAAGTTATTTTTGTTAGTTCCTTATCAAAAAGTGTACATAAAAAATTAGG  
CAACTCCAACATGCCTCCAGGGTAAATGTGTGAAATAAAGATAATATATGTAAGTGG  
AATTAGCTCCTAGGCATAGGAAAGTGCAGAATATTGCCGTGTTGTATTACAGTTCTG  
TTGATGTCGATAACGTTTGTGGGTGTAATTGGTAGTGTCTGTCCCTCCAAGGAGTTAAT  
AAAACAAAGCAAACATAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017347 unedited TTTTNNGGAGTACAACATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGA GGCAGTGGCTCCCATAAAGCCCAGNATTCAATCGCTGAGAGAGTGCTTAGGCCCGAATGC CGGCCAAATCGTTCTACTACCGTGTGCGAGGCCGAGGCCGAGGCCGAGAGCGATGAGA GTGCAGGAAGTGGGAAGAGGGGGTGGCCGCCAGGCTCCTCCGTTCCCTGGGTCCACG GCGGATCCCTCCCGCTTGTGTCAGGAGCGGCCAGCGGTAGCAGGACCGCTGCTGTGGAGCT GGTCGCAGGCGGTGTGTGCCGGTCGCCTAGTCAGGAGAAGTGTCTCGACTCACGGTGA GGGAATGGACCGACACGGGTATTGTACCGCTGAGGGAAAAGGAGCGGGACTCCGGACCTCC AGGAGGTAGGGAGTGAGGCCAGTAGGACCGCGCGCTCCGGGGGATTCTCCCGGGCG TTGAGTTGCCAACCTGGGACCCGAGGAAGATCGGCGTGGTGGTGTGCTTTTTGTTGTTGT TAACCCTCCTCGATTTCTGAATTTACACCACTGTCCATATGCGATGATGTTTGTGTTG CCCTTGACGCACTTACTCATGGATGGTACTTCTCAGCCTCGTTAGACAGCCTGGTGATG GAGGATGAAGAAACCATGTGCTTTTCATTCAAGTCTGGACTTAGTCTCCCTTTTCTTCT TCAGCAAGTTATTTTGTAGTTCCTTATCAAAAAGTGTACATAAAAATTANGCAACTCC AAACATGCCTCCAGGGTTAAATGTGTGAAATAATAAGATAATATATGTAAGTGGGATTAG CTCCCTAGCATN
Restriction Sites:	Please inquire
ACCN:	BC017347
Insert Size:	927 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).
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:	BC017347.1 , AAH17347.1
RefSeq Size:	927 bp
Locus ID:	55870
Cytogenetics:	1q22
Protein Families:	Druggable Genome
Protein Pathways:	Lysine degradation, Tight junction

Gene Summary:

This gene encodes a member of the trithorax group of transcriptional activators. The protein contains four AT hooks, a SET domain, a PHD-finger motif, and a bromodomain. It is localized to many small speckles in the nucleus, and also to cell-cell tight junctions. [provided by RefSeq, Jul 2008]