

Product datasheet for **SC208282**

AFG1L (NM_145315) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AFG1L (NM_145315) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AFG1L
Synonyms:	AFG1; c222389; LACE1
ACCN:	NM_145315
Insert Size:	2000 bp



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Insert Sequence:

>SC208282 3'UTR clone of NM_145315

The sequence shown below is from the reference sequence of NM_145315. 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
TGGAAATGAAGGAGACAGAACCAAGAAGTAACTGCCACTTTTGCATAAATAAACTCTAGACAAATGGTT
AACGCAGGCAGAACTCCTTATTGTGGGACTTGAAGGAATCATTTTCTCATCATTAAATATGCACTTTGT
CCTCTGGACCATTTAATCTAAAATTGCTCTCAAGGATCTAGTGGATTAGTAAGTAAACACTTAACAT
TTTTTAGTCTGCTTTTTCTTATTTGGCCTTATTTCTGCACCATGAAATAAAATCATCTCATTCTGTA
AGATGAATGTAGGACCAGACATTTAGCTTACATTAACCACCTGAATGAACCTTGAATGCACAAGTA
AATGCAAGACGTCTGGATACCTCAAGCTTTGGCTGCATGGTGGTGGCATGTTAGAAATACATCTTTTA
TAATGGGGGAAGAATGCCCTATGTTTCAATTCAAAAACAAAGACAGTTTTCCAATCTGATATAAACTAAA
AGGGATAATATTTAGAATATGGGCTTATATGTGGTTTTTTTTTTTTGGTTATGAATTACAGTAAATCTC
CCAGGCCCTCAGATTTCTACATAATGGAAGAATATGTTTTAACCTGAGATCAAGTTTAGTAGGACAGG
ACTTGATCTCAAGTGGTCAAAAAGTTTTCTAAAAAAAATAGAAAATTATGATGGGATCAATAAGGAG
CAAGTGTCAAATCCAGCCAACAGGCAGATCTGCAGGCAGAGCTACAAACTCTGCAGCCAGGAATGGGG
ACCAGTGAGAGAGTGTGGGCGGGGGGGTGGGTGTGAGAGTCGATAGGCACTCCAACAGCAGAGGAGACTC
CCGCTCACATGAGGCCAGCCGTACCCAGTGGACAGCAGGCTCCTTCTACTGTTGTAGACACTTGCTC
TCCTTGCAGCATGCTGCCCCGCCCTTGCCGCCAACTCTGCCGTGAGATGGACCTAATAGGAAATAGGA
AAGAAAAGCCTGACAAGCCTGCTTACAGGAAATCTGATTTGTCTTCACTGAGCTCATCTTTGCTTCT
TTGAGTAAAACCTGGCTTTACTAACTATTGTCAAAAAGTGGATCTTCGGCTGTGGATGAGTGTAAAAA
CAGAAAAAATATAAAAATCCACAAAATCTTGTGAAAATTAAGCATTGGGGGAAGGTAAGGCATAGGTGA
GTCAGTCCAATGAATACAATGGTCAACATAAGTAAGCTCTTGAACCTATTTATTTTCTATTTATTATT
ATTTTTATTTTTATATCTTGGCCACTCTAGCCATCTCCTGGCAGGGGTAGTGTGGCACAGCATGGCCC
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GTAGATGGATGAGTACCCAAGCCGAGAGAAGAGTTTAAATCAAGCCTTCTGTAATAAAAATGTGGTTTA
AAGATATTTTTATTGAAGTGAACACAGTAATTTCAAAGAGGTTACGTAATAGGGAGAAAGGATGGGAA
ATAACCACTTTGTCTGGATTGAATGCTATATATTTACATTAGCTCAGTAAAAAAAATAGTCTTAGAA
AGTGAATATTATAACCCCTGTTTAAAAATAAGAAAAGTGAAGTCTTGGGAAAGTAAAGTAGCTTGACCTG
AGATTCACAGTTTACAACACTACAAAACCTCATATACTATATTTTATAACACACTGTCTTACTCTACTA
TTTAAAAAAAAGAGATTGTTTTAAAAATTGATTCAATTAACCTCAGTGAATGAAGTTGAAGATAAATTCA
CAACAGAACCAATTGATTTGAACTCAGTGAATATAAAAATGTTTAACTTTATTTCTTTAGATCTTAGCTTTT
TACTTTTACATTCCTTTGGTAATTATTCTGTATCTTAATTTTTTAAAAAATCATGTGAATGGACAGAC
AGATAGATGGACAGTATGACCGATAGACAGACCTGTCCCTGAGTGTGAGTGTATGTAGAAGAGTCCCC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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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_145315.5

Summary:

This gene encodes a mitochondrial integral membrane protein that plays a role in mitochondrial protein homeostasis. The protein contains a P-loop motif and a five-domain structure that is conserved in fly, yeast, and bacteria. It functions to mediate the degradation of nuclear-encoded complex IV subunits. Two conserved estrogen receptor binding sites are located within 2.5 kb of this gene. Polymorphisms in this gene have been associated with bipolar disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2016]

Locus ID:

246269

MW:

77.3