

Product datasheet for **SC127503**

Aftiphilin (AFTPH) (NM_017657) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aftiphilin (AFTPH) (NM_017657) Human Untagged Clone
Tag:	Tag Free
Symbol:	Aftiphilin
Synonyms:	Nbla10388
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127503 sequence for NM_017657 edited (data generated by NextGen Sequencing)

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ATGGAGCCAGACATCATTGCAATGTACTCTTCATCCCCACCACCATTAGACAATGGAGCA
GAGGATGATGATGATGATGAATTTGGGGAATTTGGTGGGTTTTTCAGAAGTTAGCCCTTCT
GGTGTAGGGTTTGTGATTTTCGATACACCAGATTATACTCGTCCCAAGGAAGAGTTTGTG
CCTTCAAACCATTTTATGCCAATTCATGAATTCTCAGAAAATGTAGATAGCCTTACAAGC
TTTAAGTCCATTAATAAATGGTAATGATAAAGGACATCACTGCTGAACCTTCTGCTCCTGTG
AAAGGACAGTCTGATGTTTTACTTTCTACCACCAGCAAAGAAAATAATTCATCTGAAATG
TTAGTACTTCCATTGATGGCATGGAAAGACCAGGAAATTTAAATAAAGTAGTGGAGCAG
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GACAATGTAGCTGATTCAAAGGGACGGAAGCCTTTAGCACTCATAGCACTGAGTATAAT
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CCTGACTTAACATTCATGCATGCCAAGGTGTTGATGTTCCAGCCACGTTAACACCTTCC
ACAAGCTCTCAAGAAAAGCAGACGGATAA

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Clone variation with respect to NM_017657.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017657 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGCGTCCTGGTCTGCT
 GCGCTGACAGGCTGTGAGCAGCCGGCCTTCCGCTCTCACCAGTCCGCGTCGGAATAGAC
 GGTCTTCCCCGGGAGTCAGTTCCTCCCCGGGCCCTGAGCCATGCCATCGCAGCCGC
 CCCGAAGGAGCCAGGTGTAATTAATTTTAAAGCAACTGAACAATGGAGCCAGACAT
 CATTGGAATGTACTCTTCATCCCCACCACCATTAGACAATGGAGCAGAGGATGATGATGA
 TGATGAATTTGGGAATTTGGTGGGTTTTTCAGAAGTTAGCCCTTCTGGTGTAGGGTTTGT
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 TTGGCACAGGGTTGAAACTGTAATCCTCAGGAACAGATGATCTGGACATGNTANCTGTTT
 CAAAGGGCACGAAGCCTTTACACTCAAGCACTGAGTATAAATTAGACTTGGNACCTAGG
 CTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017657 unedited
 TGACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTAAATTAGAGCAGGTA
 TGCTTTTGATGGTAGGGAAGGGATGGAAAAAGAAAAGCATAGAACTGTCCAATTCACA
 TCAGTTATCCGTCTGCTTTTTCTTGAGAGCTTGTGGAAGGTGTTAACGTGGCTGGGAACA
 TCAACACCTTGGCATGCATGAATGTTAAGTCAGGAAGGCCAGCGATCACCTTGATAGCTT
 CTTCACTTAGGTCTCTTCTTTTTCGGTTTCCTACTGGTAGATGTGCTTGTCTTCTCTA
 CTGTAGACATGAGTCTTGCAATGCATCAGTCACTTTGAGGCTTGAGGTGGAGATTTCCA
 GCTTAGAAGTTGTTAACTCATACAACTCCGGATCCACACCTGGGATTGTGGTGTGCTGC
 TAGAGCTACTGTCATCCACGGGCCCAAAGAAATCAAGGTTCAGAAGAGTGGAACTCCAC
 TAGCATCTAAAGGGTTAGTAAGGCCACTGCTACTCCAGTCAAAGTGGACGGGTGGTAGAG
 ACTCCTGGAAGTATTTTTCTGCAGCAGAAAGTGGTTTCAGTGGTTCCTTGGTGGGCTCA
 CGATGGAAGCTATTTTTCTGCAGCAGAAAGTGGTTTCAGTGGTTCCTTGGTGGGCTCA
 ACATACCCAATCCTGCTGCATACATGGGCACTATAACAGGCTGCTTCTTATTGCCCGTGA
 AGAGAATGTTCCGGTGTCTATTCCCAAGGAGACANAGCNTCTTGTGCTATGGGAGCCGC
 CCCACTGGTATCTCAAGCCATGTGCATCATGGATATCCTGTAGCTCAGTCCCACATCTAG
 CATTTCCACTTTTTCAGTAGGCCTCTCTCGTTTTATTGGCAAAGTGTGNTCCAGCAGT
 GCTTAGGNAAGTACTCTTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_017657

Insert Size:

2940 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:

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_017657.3](#), [NP_060127.3](#)

RefSeq Size: 4028 bp

RefSeq ORF: 2730 bp

Locus ID: 54812

UniProt ID: [Q6ULP2](#)

Cytogenetics: 2p14

Gene Summary: May play a role in membrane trafficking.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate exon and uses a different splice site in the 3' coding region, compared to variant 1. The resulting protein (isoform b) is shorter when compared to isoform a.