

Product datasheet for **SC208239**

ATAD3A (NM_018188) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATAD3A (NM_018188) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATAD3A
Synonyms: HAYOS; PHRINL
ACCN: NM_018188
Insert Size: 643 bp
Insert Sequence: >SC208239 3'UTR clone of NM_018188
The sequence shown below is from the reference sequence of NM_018188. 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
GGCGGTGGGACGAGCCCTCCCATCCTGAGTCCACAGGGAGATCCACAGCTCACGGAGCCTGGCCGCG
GACCCCTCCCACCCCTGCCTTGCCGGCCCTGCACATTTAGGATATGCTCCTGGGTGGGACTGGGCTG
TGCCACAGGCCTCTGTCCCCAGGATGTCTTGTGGTGCGGGTCGGCCGTTCTGCCCCACAGGCACCCC
CTGTTGTAGGCACTGGCTAGGGAGGGGAGGCCTCCTTCCTGCCCTCGAGACACTCTTGGGAGATGCA
TTTTCCGCTGGCTCACAGGGGGAGGGTGGGCTTGCACCCAGCCCTGCCAGGCCACTGTGAGGG
TGGGTGCTGGCTGAGCCCCGGGCGAGCAGGAGCCAGGCAGGTGATGTCTTTGTTCTCGGCTCCCACAG
CAGAGCCAGGTGAGGGGGCGCTGCCAGGGCCAGACCCAGGTGGGCGAGCCTGAACCCTGCTTCCCCCT
GTGGCCGGCATGCCCGATCTTTCACACACTGGTGACCCTGAGAGAGGAGGGAGGGAACCTGGCCG
GGGTGCTGAGGCCGACTGTCAGCTGGCCGTCAGCCTGTGGCTGGAGCTGGGGTCTGTTTACCTA
ATAAAGTCCCACAGGTGCCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



[View online >](#)

RefSeq: [NM_018188.5](#)

Summary: This gene encodes a ubiquitously expressed mitochondrial membrane protein that contributes to mitochondrial dynamics, nucleoid organization, protein translation, cell growth, and cholesterol metabolism. This gene is a member of the ATPase family AAA-domain containing 3 gene family which, in humans, includes two other paralogs. Naturally occurring mutations in this gene are associated with distinct neurological syndromes including Harel-Yoon syndrome. High-level expression of this gene is associated with poor survival in breast cancer patients. A homozygous knockout of the orthologous gene in mice results in embryonic lethality at day 7.5 due to growth retardation and defective development of the trophoblast lineage. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]

Locus ID: 55210

MW: 22.9