

Product datasheet for **SC215365**

ATAD1 (NM_032810) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATAD1 (NM_032810) Human 3' UTR Clone
Symbol:	ATAD1
Synonyms:	AFDC1; FNP001; HKPX4; Msp1; THORASE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032810
Insert Size:	2000 bp



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Insert Sequence: >SC215365 3'UTR clone of NM_032810
 The sequence shown below is from the reference sequence of NM_032810. 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
AATGTTTTAACACATGTTTGTAGATTAAAGAGTAAAGATCATTTGTACAGTTCAGTGATCTAGTTTGG
TGTGCTCTTATCAGTTAGTGGAAATAGAACGGAAAGAGTGCTCTTTAAACAATGAGGGAGCTCAGTG
TTTATGGTTTTACTCTGAATTCTAAGTTATTGAGATATAGTTGTACATAGGTGGTATTACTGTTGG
TCAAAAATCATGAGGAGGAACAGTTGAATCCAGCCTGAACGTGGGTGCTTGTGTTGACCTTTTCAGCC
ATATATTGTACAGCCTTATAGAATCTAAGCTGGTCTTAAAGTCATAAATGATTTCATTGGGTCATTAGTG
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TATGTGTATATTAATGTATATATCCACACATTTTATATTGACATTCTGTAGATATGTTTGAATATAGA
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TGTGTCAAAAAGGTACAGTGATTAGCCATTTCCATTTGTCATTTGTTTCAACCTTTTTTAAAGTTGAGT
GTTTTTATTTCTGCAGTTATTAGTTGGATCCTCCACATCTTGCATATATACATGGGCTCAATTTATATG
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ACCAAAAATGAAAAAAGTGTCCATTTTAAATACTATATTCTATTATTTTATAAATGTGTAATAAAG
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ATATCCTAGTATCTAGTCATTTCTGTTTTAATATGAATTTTCAGTAATTTAATTTAATCTGGTGACATA
TTAATCGAAAAAAGGAGTAATGTATACCTCCACATGTCCTTTCTTTTGTCTTCTTAAATTCACAA
TATCCAGTAGGAGTGGTTATTCAATTTCTCGTGGTTTTAATCATCAAATGAAGTTAGAGAAGTATACT
AATCCCAGCACTATGACTCATCTAGGCATGTTAAGACCATAAAGTAATTCAGGAACTATTTTCTG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

RefSeq: [NM_032810.4](#)

Summary: ATPase that plays a critical role in regulating the surface expression of AMPA receptors (AMPA), thereby regulating synaptic plasticity and learning and memory. Required for NMDA-stimulated AMPAR internalization and inhibition of GRIA1 and GRIA2 recycling back to the plasma membrane; these activities are ATPase-dependent (By similarity).
[UniProtKB/Swiss-Prot Function]

Locus ID: 84896

MW: 78.4