

Product datasheet for **MC224507**

Atad2b (NM_001099628) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atad2b (NM_001099628) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atad2b
Synonyms: 1110014E10Rik; BC032887; C79189; D530031C13Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224507 representing NM_001099628
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAACACCCGGAAGAGCTCTCTGCGCCTTCTCGGGTCCAAGTCTCCTGGGCCCGGGCCTGGGCCCG
 GGGCCGGAGCCGGAGCGGAGCCGGGGGCGACCGCGGCAGCAGCCATTTTCATCTCCTCTCGGACCCGCTC
 CTCTAAGACGCGCGCGCCAGCTGCCCGCGGCCAAGGCCGGGGAAGCGCGCGGCCCTGGACGAGGCC
 CGGAAGGCTGAAGTTGACGGAAGCTTAAGTGATAGCCACGTATCTCCTCCAGCCAAACGCACTTTGAAAC
 AGCCGGATTCTGTTTGAAGACAAATCAAATCACGAAGTACTGGTCAGCGAGAAGAATGGAACATACC
 ATCTGGTCAGACCAGGTTAACTTCTCAGCCTGGTGTACATTACCAAACGGACATAGTAGCTTGTCACTT
 CGAAGCCACCCCTTCGAGGGGAAAAGAAAGGAGATGGCGACCTTTTCATGTATAAATGGTGACATAGAAG
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 CGAGGAAGAAGAAATCTCAAGAGGAGGATGGAGACATAGAGGTTGAAGAGGCAAGAGGAGAAGAAAATGAT
 AGACCATATAACTTGAGACAAAGAAAAACAGTGGATCGATACCAAGCACCGCCTATAGTACCGGCTCATC
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 CATGCGAAAAGGAGCAGACTGTTTGAGCAAGTGGTTCGGGAGTCAAGAAAGGAGCTGAGGCTGCTCTTT
 GATCAGGCATATTTGATGAGCCTTCTATAATATTTTTGATGAAATAGATGGCTTAGCTCCTGTTCTGTT



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CTAGTAGACAAGATCAGATCCACAGCTCTATAGTGTCAACCCTCCTTGCCCTTATGGATGGATTAGATAA
TAGAGGTGAAATTGTTGTTATTGGTGCTACAAACAGACTTGACTCTATTGATCCTGCACTCAGGAGACCT
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CCAATGGATGCCTGGCACAACCTGCAAAATAATGTGCATTTGAGTCCGGAGAAAATCAAGGCGGCGAT
CACAGTGGGGTAAAGGAATTTAAGAAAAGGAAAAGTCAATAATTTAAGAAAAGATGAGGAAGACACCAA
GTTTACAGACTATGACCATACAGAGGACAGGAAGTTGCTGGAGAATGGAGAGTTTGGGTAAAGCACTGAT
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ACAAAAGATTGCTCTGGAGGAACAACATAAAGACAAAACAGAAACATGGAATGAAAATCGTGGAGATGCT
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GAGAGACTGCAGAAATTGCTTGTATTTGTTGGTAGATAAAAAGCAACAACCTGACAGTCGATCAGCTTGAGA
GATTATATTCCTCCTTAGTCAGAGCATCTACCGCCATCGTAAAGATTATGACAAATCTCAGCTTGTGGA
GGAGATGGAAAGGACAGTTCATATGTTTGGAGACATTCCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001099628
Insert Size: 4383 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:	<u>NM_001099628.1, NP_001093098.1</u>
RefSeq Size:	8102 bp
RefSeq ORF:	4383 bp
Locus ID:	320817
Cytogenetics:	12 A1.1