

Product datasheet for SC331789

ATAD2B (NM_001242338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATAD2B (NM_001242338) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATAD2B
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331789 representing NM_001242338. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGTGAACACCCGGAAGAGCTCTCTCCGCCTTCTCGGGTCCAAGTCTCCTGGTCCCGGGCCTGGGCCT
GGGGCCGAGCAGAGCCTGGGGCGACCGGAGGCAGCAGCCATTTTCATCTCCTCTCGGACCCGCTCCTCC
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GAGGCCAGGAAAGTTGAAGTTGATGGTAGTTTAAGTGATAGCCACGTATCTCCTCCAGCCAAACGCACT
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GACATGGAAGTCAGAAAAAGTTGTCTGCCAGGAAAAACAGATTGAAAGTGTAACAGAGTTTGTTA
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CTGATTGCACTGCGGAGGCGTTATCCCCAGATCTATGCTAGCAGTCATAAAGTGCAGCTGGATGTTTCC
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GTGATGTCTTCAGGCATGCACTATCCCCATCATAAGACCAGTCTGGAAGAAGCTTCAACAACATC



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CTAGCAGTCTTGCAAAAAGTGTTTCCTCATGCTGAAATTAGCCAGAGTGACAAAAAGAAGATATAGAA
 ACTTTAATTTTAGAGGATAGTGAAGATGAAATGCTTTATCAATTTTGGACCAATTGTCACTCAGGA
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 GTGGATAAAGCAACAATCTGGCAGTTGATCAGCTTGAGAGATTATTTCTTTCTTAGTCAGTGTATC
 TACCGTCATCGTAAAGATTATGACAAATCACAAGTTGTAGAGGAGATGGAAGAACAGTTCATATGTTT
 GAGACATTCCTATGA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001242338

Insert Size:

4362 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_001242338.1](#)

RefSeq Size: 8051 bp

RefSeq ORF: 4362 bp

Locus ID: 54454

UniProt ID: [Q9ULI0](#)

Cytogenetics: 2p24.1-p23.3

MW: 164.3 kDa

Gene Summary: The protein encoded by this gene belongs to the AAA ATPase family. This family member includes an N-terminal bromodomain. It has been found to be localized to the nucleus, partly to replication sites, consistent with a chromatin-related function. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2014]
 Transcript Variant: This variant (2) uses an alternate in-frame splice donor site in the central coding region, compared to variant 1, resulting in an isoform (2) that is 5 aa shorter than isoform 1.