

Product datasheet for **SC314776**

ASCIZ (ATMIN) (NM_015251) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASCIZ (ATMIN) (NM_015251) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASCIZ
Synonyms:	ASCIZ; ZNF822
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015251, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCCTCGGAGGCGGCGGCGGCGGGTCCGCGGCTCTGGCGGCGGGTGCCTGG
GCCGTCCCGGCGGCCACGACAGGAGCCGCCGCCGCCCTCGGGCCCGTGGGTGCCCGG
GGACCCCGACTGAGGGGACGCCGCCGCCGCCGCCGGGGGCGACGACGAGCCCGCTGTC
CCCGCGCCGCCGCGGGGAGCTGATCCAGCCGTCCGTGAGCGAGCTGCCCGGGCCGTG
CGGACCAACATCCTGTGCACCGTCCGCGGCTGCGGCAAGATCCTGCCAACAGCCCGCG
CTCAACATGCACCTAGTCAAGAGCCACCGCTGCAGGATGGCATAGTCAATCCAACAATA
AGAAAAGATTTGAAAAGTGGACCGAAATTTACTGCTGTCCAATTGAAGGCTGCCCCAGA
GGCCCTGAGAGACCGTTTTCTCAGTTTTCTCTCGTAAAACAGCACTTTATGAAAATGCAT
GCTGAGAAGAAGCACAATGTAGTAAGTGCAGCAATTCGTACGGTACAGAATGGGACCTG
AAAAGACATGCAGAGGACTGTGGCAAGACCTCCGGTGCACATGCGGCTGTCCCTACGCC
AGTAGAACAGCACTGCAGTCTCACATCTACCGAAGTGGGACGAGATACCTGCAGAACAC
AGGGACCCACCTAGTAAGAAAAGGAAAATGAAAAGTGTGCACAAAACAGAAATATCC
AACAGACCATTGAATCATTGAACAACCAACCAATCCCTAGACCAGCACTCAAGAACTA
GAAGCTTCAGAAAATAAGCTAGAACCATCTTTGAAAGACTCTTGTGGCTTAACACTGAC
AAGCAGACTCTTACAACACCACCGAGATATCCTCAGAAGTTGCTTTTACAAAGCCAAA
GTGGCTTTGGTTAAACTACCCGTGATGCAGTTTTCTGTGCATGCCTGTCTTTGTGCCTACA
GCCGACTCCTCAGCCAGCCTGTGGTGTAGGTGTTGATCAGGGCTCTGCCACAGGGGCT
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AGTACTGGTGTCAAAGTAACTTTGGTAAAAGTCCATCTAATCCTTTACAAGAAGTAGGG
AACACGTGTCAAAGAATAGCATTCTTCAATCAACGTGCAGACAGATCTGTCTTATGCC
TCACAAAACCTTTATACCTTCTGCACAGTGGGCCACTGCTGATTCTCTGTGTCGTCTGT
TCTCAAAGTATTGTCGTTGATTCTCAAGTGTCTTCCCATTAGTGTTCACACTCAG
ACATTTTTGCCAGCTCTAAGGTAACCTCATCTATAGCTGCTCAGACTGATGCATTTATG
GACACCTGTTCCAGTCAAGTGGGTCTCCAGAGAACTCAAACAGTGGGATAGAAAGT
CCAACGGATGACCATGTACAGATGGACCAAGCTGGAATGTGCGGAGACATTTTGGAGT
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ACAGTAACTCATAGTTTGTACCTCAGAATGAGCCTAAGACTTTAAATCAAGATATTGAG
AAATCTGCACCAATTATAAATTTAGTGCACAGAATAGTATGCTTCTTACAGAACATG
ACAGATAATCAGACCCAAACCATAGATTTATTAAGTATTGGAAAACATCTTGTCAAGT
AATCTGCCTGCTCAGACATTGGATCATCGTAGTCTTTGTCTGACACAAATCCTGGACCT
GACACCCAGCTCCCATCTGGCCAGCCAGAACCCCGAATCGATTTTGTATCGAAGAG
TTCTTTTCCGGCTCAAATATCCAGACTCAAAGTGAAGAGAGTGAACCTAGCACCATGACC
ACCGAGCCAGTCTTGGAGTCACTGGACATAGAGACTCAAACGGACTTCTTACTCGCAGAT
ACCTCTGCTCAGTCTATGGGTGATGGGAAATTTAACTTCTTAGGCCTTGAGATGTTT
GACACACAGACACAGACAGACTTAACTTTTTCTTAGACAGTAGCCCTCATCTGCCTCTG
GGAAGTATTCTGAAACACTCCAGCTTTTCCGTGAGTACTGATTCATCTGACACAGAGACC
CAAAGTGAAGGAGTCTCCACTGCTAAAAATATACCTGCTCTAGAAAGCAAAGTTCAAGTTG
AACAGTACAGAAACACAGACCATGAGTTCTGGGTTTGAACCCCTGGGAGCTTGTCTTTC
ACCAGCAACGAAACTCAGACAGCAATGGATGACTTTCTTCTGGCTGATCTGCCTGGAAC
ACGATGGAGTCTCAGTTCAGCTCTGTAGAAACCCAGACTTCTGCGGAACCCACACAGTCT
TCCAACCTC

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Restriction Sites: Please inquire

ACCN: NM_015251

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_015251.2 , NP_056066.2
RefSeq Size:	4866 bp
RefSeq ORF:	2472 bp
Locus ID:	23300
UniProt ID:	O43313
Cytogenetics:	16q23.2
Domains:	zf-C2H2
Gene Summary:	<p>Transcription factor. Plays a crucial role in cell survival and RAD51 foci formation in response to methylating DNA damage. Involved in regulating the activity of ATM in the absence of DNA damage. May play a role in stabilizing ATM. Binds to the DYNLL1 promoter and activates its transcription.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>