

Product datasheet for **SC111432**

ABIN3 (TNIP3) (NM_024873) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABIN3 (TNIP3) (NM_024873) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABIN3
Synonyms:	ABIN-3; LIND
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111432 sequence for NM_024873 edited (data generated by NextGen Sequencing)

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ATGGCACATTTTGTACAGGGCACATCTAGAATGATTGCCGCAGAAAGTTCTACGGAGCAT
AAAGAGTGTGCTGAACCATCAACAAGAAAGAACTTGATGAATTCTTGAACAAAAGATA
AGGTGTTTGAAAAACAAGAAAAGAGCTCCTGGAAGTTAACCAGCAATGGGATCAGCAA
TTTAGAAGTATGAAAGAGTTATATGAAAGAAAGGTAGCAGAGCTGAAGACGAAACTGGAC
GCCCGGAAAGATTCTCAGCACGCGGAGAGGATCCGCATCAGAGGCAGAGAAAGGAC
GACAGGCAGAGAGAGGACGACAGGCAGCGGACCTGACCCGGACCGGCTGCAGCGGGAG
GAGAAGGAAAAGGAACGCCTAAATGAAGAATTACATGAATTGAAAGAAGAGAATAAACTT
TTAAAGGGAAAAAATACTCTTGCGAACAAGGAAAAGGAACATTACGAATGTGAAATAAAA
CGCTCAATAAGGCTCTCAGGATGCCTTGAATATCAAGTGTTCAATTTCCGAGGACTGT
TTGAGGAAGTCTCGAGTGAATTCTGCCATGAGGAGATGAGAACAGAAATGGAAGTTCTG
AAGCAGCAGGTGCAAATATACGAAGAAGACTTCAAAAAGGAACGATCGGATCGAGAGAGA
CTTAATCAAGAGAAAGAGGAGCTACAGCAAATTAATGAAACTTCCAATCCCAGTTGAAC
AGGCTGAATCCCAGATAAAAGCTTGTCAGATGGAGAAAGAAAAGCAATTA
AAACAGATGTATTGCCACCCCTGTAAGTGCAGGCTTGGTTTTCCACCTGCAAGATCCATGG
GTACCAACAGGCCCTGGAGCTGTGCAGAAGCAACGGGAGCACCCACCAGACTATCAGTGG
TATGCTTTGACCAGCTTCCGCCAGATGTACAACACAAGGCAAAATGGTTTATCCTCAGTA
AAGAAAGTCCATCCGTAG
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Clone variation with respect to NM_024873.5



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024873 unedited
 GGTTACATTTGTATACGACTCATATAGGCGGCCGCAATTCGGCACGAGGCCAAGGCAA
 GAGGAAGCTCCCTTAGCATGTCTGTGCCCATGTGGGGCAGTAAAGGAACCCAGTGAACG
 TGGTCACAGTGTGCAACACACAAAAAGAAAGAAATGCCAATGCCATCTCAATATTGACA
 GATGTGAAAGCATGGAGCTGGACAAAAAATCCAGGATCTGATTGAGAGAAATGCGTCTC
 CTCATCCAAAACGGTTCACCCAGAGGCCATGCCAACTCACAGAAATCTATGTTCTCTGA
 AGACTCCAGGAAAAACAGCTTCCATGGCACATTTGTACAGGGCACATCTAGAATGATTG
 CCGCAGAAAGTTCTACGGAGCATAAAGAGTGTGCTGAACCATCAACAAGAAAGAACTTGA
 TGAATTCTCTTGAACAAAAGATAAGGTGTTTGGAAAAACAAAGAAAAGAGCTCCTGGAAG
 TTAACCAGCAATGGGATCAGCAATTTAGAAGTATGAAAGAGTTATATGAAAGAAAGGTAG
 CAGAGCTGAAGACGAAACTGGACGCCGCGAAAGATTCTCAGCACGCGGGAGAAGGATC
 CGCATCAGAGGCAGAGAAAGGACGACAGGCAGAGAGAGGACGACAGGCAGCGCGACTGA
 CCCGGGACCGGCTGCAGCGGGAGGAGAAGGAAAAGAACGCCTAAATGAAGAATTACATG
 AATTGAAAGAAGAGAATAAACTTTTAAAGGGAAAAAATACTCTTGCGAACAAGAAAAGGA
 ACATTACGAATGTGAAATAAAACGCCTCAATAAGGCTCTTCANGATGCCTTGAATATCAA
 AGTGTCATTNTCCGAGGACTGTTTGAGGAAGTCTCGAGTGAATTNCTGCCATGAGAGAT
 GAGAACAGAAATGGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024873 unedited
 AACCGTAGTGGNGTGGGTGGGTATTGGGCACTGNAGTCTTGCTCACTCTATTTCCAGGC
 TGGAGTGCAGTGGCGATCTCAACTTACAGCAACCTCTGCCTCCCTGGGCTCAAGTGATCC
 TCCCGCCTCAAGCCTCCTGAGTAGCTGGGTTTATAGGTGTGTGCCACGAGCCTGGCTAAT
 TTTTGTATTTATAGTAGAGATGGGGTTTACCATGCTGGCCAGGCTGGTCTAGAACTCCT
 GGCTCAAAGCAATCCACCTGCCTCAGCCTCCCAAAGTGTGGGATTATAGGCATGAGCC
 ACTGCACCCAGCCCAAGACTTTATCTTTTATAATCAAGTCTTGTGATGCAGGCGACAAT
 TTCTCATCATCTTAAAGAAATGATCTGTCTAAGGAATAGCTTCCAATTAACCATCTTATT
 CAGATTGAACCACTTATTTAATTTAATGAGGTATATACACCTCTTCAATTCTACGTTTAG
 GATCACTGAGGTCAACAATATGTAGTCAAATAGCTAAAGAACTAAGGCCCTGTGGAAGAA
 GAATGGGAGCAATGTTAAACGTTTACAACCTGCAGAAATTTTTACCCAGGAAACACACAC
 ACACACACACACACACACACACACACATGCACCTTAAATCAACATACAATATCC
 CTCGAGCAAACACTGAGTTGCCTAAATCATAGAATCATTTTTTGTGCATCCAACAGCAATA
 TGCTGAAGAGATTTTTAGGGAGTCTGCATCATCCATCTGCCAAGTCTCATTTTAAAGGAA
 ACTGGAAGTTGTATTTTCTGTATAATAACTGGCTCCTCCCATTTGATCAAGATCTTAAAC
 TGTTAGAGCCTTTTCTGTTTTCTTCCANATGGAACATGACCAGCCCAATACACAGG
 GAGATGAGGCGCTTTTGTGGCAGA

Restriction Sites:

NotI-NotI

ACCN:

NM_024873

Insert Size:

2450 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:	NM_024873.2 , NP_079149.2
RefSeq Size:	2426 bp
RefSeq ORF:	978 bp
Locus ID:	79931
UniProt ID:	Q96KP6
Cytogenetics:	4q27
Gene Summary:	<p>Binds to zinc finger protein TNFAIP3 and inhibits NF-kappa-B activation induced by tumor necrosis factor, Toll-like receptor 4 (TLR4), interleukin-1 and 12-O-tetradecanoylphorbol-13-acetate. Overexpression inhibits NF-kappa-B-dependent gene expression in response to lipopolysaccharide at a level downstream of TRAF6 and upstream of IKBKB. NF-kappa-B inhibition is independent of TNFAIP3 binding.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shortest transcript and encodes the shortest protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>