

Product datasheet for **RG225469**

ABIN3 (TNIP3) (NM_001128843) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABIN3 (TNIP3) (NM_001128843) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABIN3
Synonyms:	ABIN-3; LIND
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225469 representing NM_001128843 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCACATTTTGTACAGGGCACATCTAGAATGATTGCCGCAGAAAGTTCTACGGAGCATAAAGAGTGTG
 CTGAACCATCAACAAGAAAGAACTTGATGAATTCTTGAACAAAAGATAAGGTGTTGGAAAAACAAAG
 AAAAGAGCTCCTGGAAGTTAACCAGCAATGGGATCAGCAATTTAGAAGTATGAAAGAGTTATATGAAAGA
 AAGGTAGCAGAGCTGAAGACGAACTGGACGCCGCGGAAAGATTCCTCAGCACGCGGGAGAAGGATCCGC
 ATCAGAGGCAGAGAAAGGACGACAGGCAGAGAGAGGACGACAGGCAGCGGACCTGACCCGGGACCGGCT
 GCAGCGGGAGGAGAAGGAAAAGGAACGCCTAAATGAAGAATTACATGAATTGAAAGAAGAGAATAAACTT
 TTAAGGGAAAAAATACTCTTGCGAACAAGGAAAAGGAACATTACGAATGTGAAATAAAACGCCTCAATA
 AGGCTCTTCAGGATGCCTTGAATATCAAGTGTTTCCGAGGACTGTTTGAGGAAGTCTCGAGTGGA
 ATTCTGCCATGAGGAGATGAGAACAGAAATGGAAGTTCTGAAGCAGCAGGTGCAATATACGAAGAAGAC
 TTCAAAAAGGAACGATCGGATCGAGAGAGACTTAATCAAGAGAAAGAGGAGCTACAGCAAATTAATGAAA
 CTTCCAATCCCAGTTGAACAGGCTGAATCCCAGATAAAAGCTTGTCAGATGGAGAAAGAAAACTAGA
 AAAGCAATTAACAGATGTATTGCCACCCCTGTAAGTGGGCTTGTTTCCACCTGCAAGATCCATGG
 GTACCAACAGGCCCTGGAGCTGTGCAGAAGCAACGGGAGCACCCACAGACTATCAGTGGTATGCTCTTG
 ACCAGTTCGCCAGATGTACAACAAGGCAAATGGTTTATCCTCAGTAAAGAAAGTCCATCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG225469 representing NM_001128843
 Red=Cloning site Green=Tags(s)

MAHFVQGTSRMIAAESSTEHKECAEPSTRKNLMNSLEQKIRCLEKQRKELLEVNQQWDQQFRSMKELYER
 KVAELKTKLDAERFLSTREKDPHQQRKDDRRQDDRRDLTRDLQREEKEKERLNEELHELKEENKL
 LKGKNTLANKEKEHYECEIKRLNKALQDALNIKCSFSEDCLRKSVEFCHEEMRTEMEVLKQQVQIYEED
 FKKERSDRERLNQEKEELQQINETSQSQLNRLNSQIKACQMEKEKLEKQLKQMYCPPCNCGLVFHLQDPW
 VPTGPGAVQKQREHPPDYQWYALDQLPPDVQHKANGLSSVKKVHP

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001128843

ORF Size: 975 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001128843.1](#), [NP_001122315.1](#)

RefSeq Size: 2429 bp

RefSeq ORF: 1110 bp

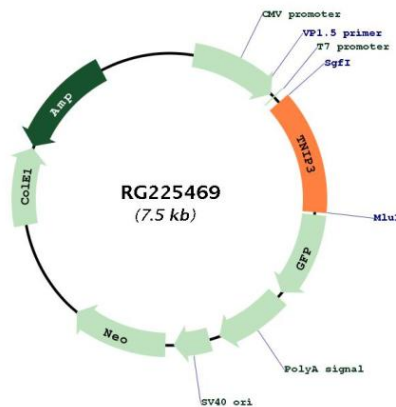
Locus ID: 79931

UniProt ID: [Q96KP6](#)

Cytogenetics: 4q27

Gene Summary: 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]

Product images:



Circular map for RG225469