

Product datasheet for **RG233916**

ABIN3 (TNIP3) (NM_001244764) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABIN3 (TNIP3) (NM_001244764) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TNIP3
Synonyms:	ABIN-3; LIND
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG233916 representing NM_001244764 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTCCATGTGGATGGCTCATGAACAAAAATGAGAAACACGACGATAAACTGGTAATGTTACCAATC
AATCTGAAGATTCTGAAAGATGTGAAAGCATGGAGCTGGACAAAAAATCCAGGATCTGATTGAGAGAAA
TGCGTCTCCTCATCCAAAACGGTTCACCCAGAGGCCATGCCAACTCACAGAAATCTATGTTCTCTGAAG
ACTCCAGGAAAAACAGCTTCCATGGCACATTTTGTACAGGGCACATCTAGAATGATTGCCGAGAAAAGTT
CTACGGAGCATAAAGAGTGTGCTGAACCATCAACAAGAAAGAAGTTGATGAATTCCTTGAACAAAAGAT
AAGGTGTTTGAAAAACAAGAAAAGAGCTCCTGGAAAGTTAACCGCAATGGGATCAGCAATTTAGAAGT
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CGACCTGACCCGGGACCGCTGCAGCGGGAGGAGAAGGAAAAGGAACGCCTAAATGAAGAATTACATGAA
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TTTGAGGAAGTCTCGAGTGAATTCTGCCATGAGGAGATGAGAACAGAAATGGAAGTTCTGAAGCAGCAG
GTGCAAATATACGAAGAAGACTTCAAAAAGGAACGATCGGATCGAGAGACTTAATCAAGAGAAAAGAGG
AGCTACAGCAAAATTAATGAAACTTCCCAATCCCAGTTGAACAGGCTGAATTCAGATAAAAAGCTTGTC
GATGGAGAAAAGAAAAGCAATTAAGCAATTAAGCAAGATGATTGCCACCCTGTAAGTGCAGCTTGTT
TTCCACCTGCAAGATCCATGGGTACCAACAGGCCTGGAGCTGTGCAGAAGCAACGGGAGCACCCAGTTT
ATCCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233916 representing NM_001244764
 Red=Cloning site Green=Tags(s)

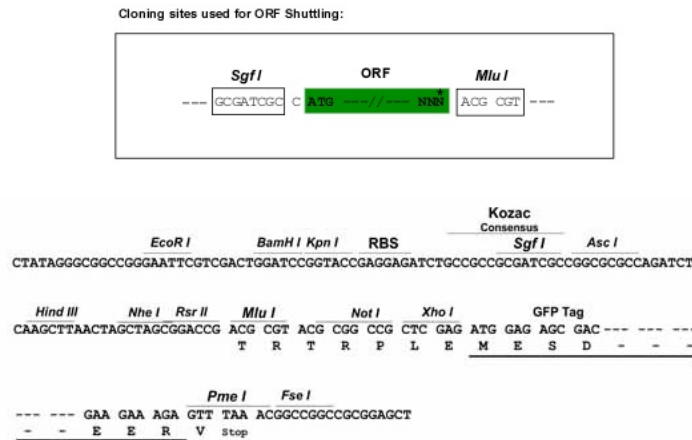
MIPCGWLMNKNEKHDDKLVFMTNQSEDSERCESMELDKKIQDLIERNASPHPKRFTPEAMPTHRNLCSLK
 TPGKTASMAHFVQGTSRMIAAESSTEHKECAEPSTRKNLMNSLEQKIRCLEKQRKELLEVNQQWDQQFRS
 MKELYERKVAELKTKLDAAERFLSTREKDPHQQRKDDRQREDDRQDL TRDRLQREEKEKERLNEELHE
 LKEENKLLKGNKTLANKEKEHYECEIKRLNKALQDALNIKCSFSEDCLRKSRVEFCHEEMRTEMEVLKQQ
 VQIYEEDFKKERSDRERLNQEKEELQQINETSQSQLNRLNSQIKACQMEKEKLEKQLKQMYCPPNCGLV
 FHLQDPWVPTGPGAVQKQREHPVYPQ

TRTRPLE - GFP Tag - V

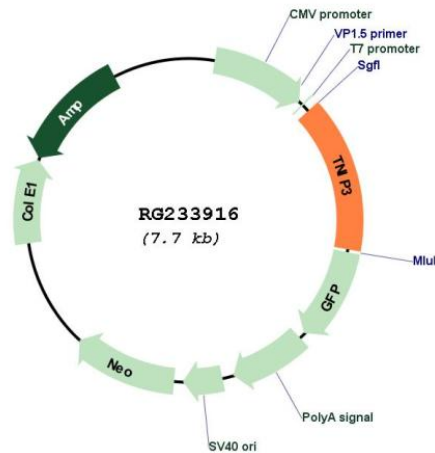
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001244764

ORF Size:	1128 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:	<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_001244764.2
RefSeq Size:	2450 bp
RefSeq ORF:	1131 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]