

Product datasheet for **RG234818**

TAX1BP1 (NM_001206901) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAX1BP1 (NM_001206901) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TAX1BP1
Synonyms:	CALCOCO3; T6BP; TXBP151
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG234818 representing NM_001206901
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACATCCTTTCAAGAAGTCCCATTGCAGACTTCCAACCTTGCCCATGTCATCTTTCAAATGTGGCCA
 AGAGTTACCTTCCTAATGCACACCTGGAATGTCATTACACCTTAACCTCATATATTCATCCACATCCAAA
 AGATTGGGTTGGTATATTCAAGGTTGGATGGAGTACTGCTCGTGATTATTACACGTTTTTATGGTCCCCT
 ATGCCTGAACATTATGTGGAAGGATCAACAGTCAATTGTGTACTAGCATTCCAAGGATATTACCTTCCAA
 ATGATGATGGAGAATTTTATCAGTTCTGTTACGTTACCCATAAGGGTGAAATTCGTGGAGCAAGTACACC
 TTTCCAGTTTCGAGCTTCTTCTCCAGTTGAAGAGCTGCTTACTATGGAAGATGAAGGAAATTCGTGACATG
 TTAGTGGTGACCACAAAAGCAGGCTTCTTGAGTTGAAAATTGAGAAAACCATGAAAGAAAAGAAGAAC
 TGTTAAAGTTAATTGCCGTTCTGAAAAAGAAACAGCACAACTTCGAGAACAAGTTGGGAGAATGAAAAG
 AGAAGTTAACCATGAGAAAGAAAGATGTGACCAACTGCAAGCAGAACAAAAGGGTCTTACTGAAGTAACA
 CAAAGCTTAAAAATGGAAGATGAAGAGTTTAAAGAGAGTTTCAAGTATGCTACATCCAAAGCCCATCAGC
 TTGAGGAAGATATTGTGTCACTAACACATAAAGCAATTGAAAAAGAAACCGAATTAGACAGTTTAAAGGA
 CAACTCAAGAAGGCACAACATGAAAGAGAACAACTTGAATGTCAGTTGAAGACAGAGAAGGATGAAAAG
 GAAGTTTATAAGGTACATTTGAAGAATACAGAAATAGAAAATACCAAGCTTATGTCAGAGGTCCAGACTT
 TAAAAATTTAGATGGGAACAAAGAAAGCGTGATTACTCATTTCAAAGAAGAGATTGGCAGGCTGCAGTT
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 TTTTAAAGGAGCAACTTCGTAAGCAGAGGAACAGGTTCAAGCAACTCGGCAAGAAGTTGTCTTTCTGG
 CTAAAGAACTCAGTGATGCTGTCAACGTACGAGACAGAACGATGGCAGACCTGCATACTGCACGCTTGA
 AAACGAGAAAGTGAAAAAGCAGTTAGCTGATGCGAGTGGCAGAACTTAACTAAATGCTATGAAAAAAGAT
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 TCAGTAAACACAGACCCAGCCACTTCTGCCTCTACTGTAGATGTAAGCCATCACCTTCTGCAGCAGAGG
 CAGATTTTGACATAGTAACAAAGGGCAAGTCTGTGAAATGACCAAGAAATGCTGACAAAACAGAAAA
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 AGGACAATTATAAAGAACTTAAAGGAGTCTAGAAAATCCAGCAGAAAGGAAATGGAAGATGGAGCAGA
 TGGTGCTTTTACCCAGATGAAATACAAAGGCCACCTGTCAGAGTCCCCTCTTGGGGACTGGAAGACAAT
 GTTGTCTGCAGCCAGCCTGCTCGAACTTTAGTCGGCCTGATGGCTTAGAGGACTCTGAGGATAGCAAG
 AAGATGAGAATGTGCCTACTGCTCCTGATCCTCAAGTCAACATTTACGTGGGATGGGACAGGCTTTTG
 CTTTGATTCCAGCTTTGATGTTCAAGAAGTGTCCCCTCTGTGAGTTAATGTTTCTCCTAACTATGAT
 CAGAGCAAATTTGAAGACATGTTGAAAGTCACTGGAAGGTGTGCCGATGTGCAGCGAGCAGTTCCCTC
 CTGACTATGACCAGCAGGTGTTTGAAGGCATGTGCAGACCCATTTTATCAGAAATGTTCTAAATTTGA
 C

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG234818 representing NM_001206901
 Red=Cloning site Green=Tags(s)

MTSFQEVPLQTSNFAHVIFQNVAKSYLPNAHLECHYTLTPYIHPHPKDWVGIFKVGWSTARDYYTFLWSP
 MPEHYVEGSTVNCVLAFCGYLNDGGEFYQFCYVTHKGEIRGASTPFQFRASSPVEELLTMEDEGNSDM
 LVVTTKAGLLELKIEKTMKEKEELLKLIIVLEKETAQLREQVGRMERELNHEKERCDQLQAEQKGLTEVT
 QSLKMENEEFKRFSDATSKAHQLEEDIVSVTHKAIEKETELDSLKDKLKAQHEREQLEQKTEKDEK
 ELYKVHLKNTIEIENTKLMSEVQTLKNLDGNKESVITHFKEEIGRLQLCLAEKENLQRTFLLTTSSKEDTC
 FLKEQLRKAAEQVQATRQEVVFLAKELSDAVNVRDRMTADLHTARLENEKVKKQLADAVAEKLNAMKKD
 QDKTDTLEHELRRVEDLKLRLQMAADHYKEKFKECQRLQKQINKLSDQSANNNNVFTKKTGNQKQVYND
 SVNTDPATSASTVDVKPSPSAEADFDIVTKGQVCEMTKEIADKTEKYNCKQLLQDEKAKCNKYADELA
 KMELKWKEQVKIAENVKLELAEVQDNYKELKRSLENPAERKMEDGADGAFYPDEIQRPPVRVPSWGLEDN
 VVCSQPARNFSRPDGLSEDSKEDENVPTAPDPPSQHLRGHGTGFCFDSSFDVHKKCPLCELMFPNNYD
 QSKFEEHVESHKVCPCMCSEQFPPDYDQVFERHVQTHFDQNVLNFD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001206901

ORF Size: 2241 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_001206901.1](#), [NP_001193830.1](#)

RefSeq Size: 3383 bp

RefSeq ORF: 2244 bp

Locus ID: 8887

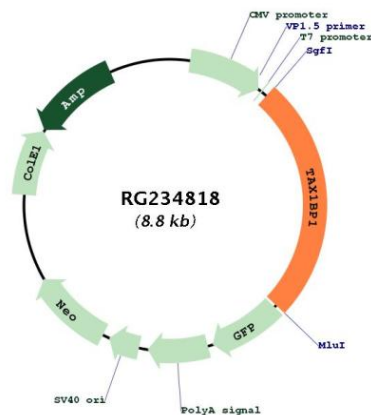
UniProt ID: [Q86VP1](#)

Cytogenetics: 7p15.2

Protein Families: Druggable Genome

Gene Summary: This gene encodes a HTLV-1 tax1 binding protein. The encoded protein interacts with TNFAIP3, and inhibits TNF-induced apoptosis by mediating the TNFAIP3 anti-apoptotic activity. Degradation of this protein by caspase-3-like family proteins is associated with apoptosis induced by TNF. This protein may also have a role in the inhibition of inflammatory signaling pathways. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2011]

Product images:



Circular map for RG234818