

## Product datasheet for **RC234508**

### **TAX1BP1 (NM\_001206902) Human Tagged ORF Clone**

#### **Product data:**

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Product Type:             | Expression Plasmids                           |
| Product Name:             | TAX1BP1 (NM_001206902) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                       |
| Symbol:                   | TAX1BP1                                       |
| Synonyms:                 | CALCOCO3; T6BP; TXBP151                       |
| Mammalian Cell Selection: | Neomycin                                      |
| Vector:                   | pCMV6-Entry (PS100001)                        |
| E. coli Selection:        | Kanamycin (25 ug/mL)                          |



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**ORF Nucleotide Sequence:**

>RC234508 representing NM\_001206902  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGAAAGAAAAAGAAGAACTGTTAAAGTTAATTGCCGTTCTGAAAAAGAAACAGCACAACTTCGAGAAC  
 AAGTTGGGAGAATGGAAGAGAACTTAACCATGAGAAAGAAAGATGTGACCAACTGCAAGCAGAACAAAA  
 GGGTCTTACTGAAGTAACACAAAGCTTAAAAATGGAAGTTAAGAGAGTTTAAAGAGAGTTTCACTGATGCT  
 ACATCCAAAGCCCATCAGCTTGAGGAAGATATTGTGTCAGTAACACATAAAGCAATTGAAAAAGAAACCG  
 AATTAGACAGTTTAAAGGACAACTCAAGAAGGCACAACATGAAAGAGAACAACTTGAATGTCAGTTGAA  
 GACAGAGAAGGATGAAAGGAACTTTATAAGGTACATTTGAAGAATACAGAAATAGAAAAACCAAGCTT  
 ATGTCAGAGGTCCAGACTTTAAAAATTTAGATGGGAACAAGAAAGCGTGATTACTCATTTCAAAGAAG  
 AGATTGGCAGGCTGCAGTTATGTTTGGCTGAAAGGAAAACTGCAAAGAACTTTCCTGCTTACAACCTC  
 AAGTAAAGAAGATACTTGTTTTTAAAGGAGCACTTCGTAAGCAGAGGAACAGGTTTCAGGCAACTCGG  
 CAAGAAGTTGTCTTTCTGGCTAAAGAACTCAGTGATGCTGTCAACGTACGAGACAGAACGATGGCAGACC  
 TGCATACTGCACGCTTGAAAAACGAGAAAGTAAAAAGCAGTTAGCTGATGCAGTGGCAGAACTTAACT  
 AAATGCTATGAAAAAGATCAGGACAAGACTGATACACTGGAACACGAACTAAGAAGAGAAGTTGAAGAT  
 CTGAAACTCCGCTTTCAGATGGCTGCAGACCATTATAAAGAAAAATTTAAGGAATGCCAAAGGCTCCAAA  
 AACAAATAACAACTTTTCAGATCAATCAGCTAATAATAATATGTCTTCACAAAGAAACGGGGAAATCA  
 GCAGAAAGTGAATGATGCTTCAGTAAACACAGACCCAGCCACTTCTGCCTCTACTGTAGATGTAAGCCA  
 TCACCTTCTGCAGCAGAGGCAGATTTTGACATAGTAACAAAGGGCAAGTCTGTGAAATGACCAAGAAA  
 TTGCTGACAAAACAGAAAAGTATAATAATGTAACAACCTCTTGCAAGATGAGAAAGCAAAATGCAATAA  
 ATATGCTGATGAACCTTGCAAAAATGGAGCTGAAATGGAAGAACAAGTGAATAATGCTGAAAAATGTAAAA  
 CTTGAAGTACGCTGAAGTACAGGACAATTATAAAGAACTTAAAAGGAGTCTAGAAAATCCAGCAGAAAGGA  
 AAATGGAAGATGGAGCAGATGGTGCTTTTTACCCAGATGAAATACAAAGGCCACCTGTCAGAGTCCCTC  
 TTGGGGACTGGAAGACAATGTTGTCTGCAGCCAGCCTGCTCGAACTTTAGTCGGCTGATGGCTTAGAG  
 GACTCTGAGGATAGCAAGAAGATGAGAATGTGCTACTGCTCCTGATCCTCCAAGTCAACATTTACGTG  
 GGCATGGGACAGGCTTTTGCTTTGATTCCAGCTTTGATGTTACAAGAAGTGCCCTCTGTGAGTTAAT  
 GTTTCCTCCTAACTATGATCAGAGCAAAATTTGAAGAACATGTTGAAAGTCACTGGAAGGTGTGCCGATG  
 TGCAGCGAGCAGTCCCTCCTGACTATGACCAGCAGGTGTTTGAAGGCATGTGCAGACCCATTTTGATC  
 AGAATGTTCTAAATTTTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC234508 representing NM\_001206902  
 Red=Cloning site Green=Tags(s)

MKEKEELLKLIIVLEKETAQLREQVGRMERELNHEKERCDQLQAEQKGLTEVTQSLKMENEEFKRFSDA  
 TSKAHQLEEDIVSVTHKAIKETELDSLKDKLKAQHEREQLEQLKTEKDEKELKVLHKNTEIENTKL  
 MSEVQTLKNLDGNKESVITHFKEEIGRLQLCLAEKENLQRTFLLTTSSKEDTCFLKEQLRKAEEQVQATR  
 QEVVFLAKELSDAVNVRDRTMADLHTARLENEKVKKQLADAVAEKLKLNAMKKDQDKDTLEHELREVED  
 LKLRLQMAADHYKEKFKECQRLQKQINKLSDQSANNNNVFTKKTGNQKQVNDASVNTDPATSASTVDVKP  
 SPSAAEADFDIVTKGQVCEMTKEIADKTEKYNKCKQLLQDEKAKCNKYADELAKMELKWKEQVKIAENVK  
 LELAENVQDNYKELKRSLENPAERKMEDGADGAFYPDEIQRPVVRVPSWGLEDNVVCSPARNFSRPDGLE  
 DSEDSKEDENVPTAPPPSQHLRGHTGFCDFSSFDVHKKCPLCELMFPNPDQSKFEEHVESHVWVCPM  
 CSEQFPDQYDQVFERHVQTHFDQNVNLFD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001206902

**ORF Size:** 1770 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001206902.1](#), [NP\\_001193831.1](#)

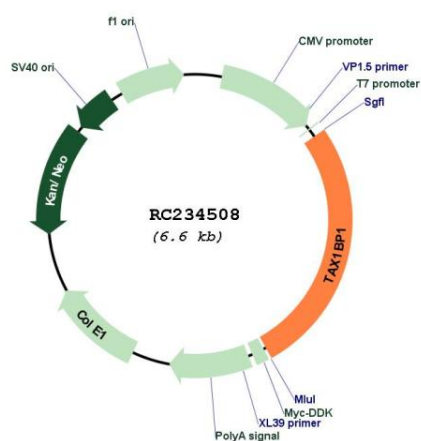
**RefSeq Size:** 3192 bp

**RefSeq ORF:** 1773 bp

**Locus ID:** 8887

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt ID:       | <u>Q86VP1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cytogenetics:     | 7p15.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protein Families: | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:               | 68.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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 RC234508