

Product datasheet for **RC212289**

TAX1BP1 (NM_001079864) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAX1BP1 (NM_001079864) 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:

>RC212289 representing NM_001079864
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACATCCTTTCAAGAAGTCCCATTGCAGACTTCCAACCTTTGCCATGTGATCTTTCAAATGTGGCCA
 AGAGTTACCTTCCTAATGCACACCTGGAATGTCATTACACCTTAACTCCATATATTCATCCACATCCAAA
 AGATTGGGTTGGTATATCAAGTTGGATGGAGTACTGCTCGTGATTATTACACGTTTTTATGGTCCCT
 ATGCCTGAACATTATGTGGAAGGATCAACAGTCAATTGTGTACTAGCATTCCAAGGATATTACCTCCAA
 ATGATGATGGAGAATTTATCAGTTCTGTTACGTTACCCATAAGGGTCAAATTCGTGGAGCAAGTACACC
 TTTCCAGTTTCGAGCTTCTTCTCCAGTTGAAGAGCTGCTTACTATGGAAGATGAAGGAAATTCGACATG
 TTAGTGGTGACCACAAAAGCAGGCTTCTTGAGTTGAAAATTGAGAAAACCATGAAAGAAAAGAAGAAC
 TGTTAAAGTTAATTGCCGTTCTGAAAAAGAAACAGCACAACTTCGAGAACAAGTTGGGAGAATGGAAG
 AGAAGTTAACCATGAGAAAGAAAGATGTGACCAACTGCAAGCAGAACAAAAGGGTCTTACTGAAGTAA
 CAAAGCTTAAAAATGGAAGTGAAGAGTTAAGAAGAGGTTCAAGTATGCTACATCCAAAGCCATCAGC
 TTGAGGAAGATATTGTGTGAGTAAACACATAAAGCAATTGAAAAAGAAACCGAATTAGACAGTTTAAAGGA
 CAAACTCAAGAAGGCACAACATGAAAGAGAACAACCTTGAATGTCAGTTGAAGACAGAGAAGGATGAAAAG
 GAAGTTTATAAGGTACATTTGAAGAATACAGAAAATAGAAAATACCAAGCTTATGTCAGAGGTCCAGACTT
 TAAAAATTTAGATGGGAACAAAGAAAGCGTGATTACTCATTTCAAAGAAGAGATTGGCAGGCTGCAGTT
 ATGTTTGGCTGAAAAGGAAAAATCTGCAAGAACCTTCTGCTTACAACCTCAAGTAAAGAAGATACTTGT
 TTTTTAAAGGAGCAACTTCGTAAGCAGAGGAACAGGTTCAAGCAACTCGCAAGAAGTTGCTTTCTGG
 CTAAGAAGTCAAGTATGCTGTCACAGTACGAGACAGAACGATGGCAGACCTGCATACTGCAGCTTGG
 AAACGAGAAAGTAAAAAGCAGTTAGCTGATGCGAGTGGCAGAACTTAAACTAAATGCTATGAAAAAGAT
 CAGGACAAGACTGATACACTGGAACACGAATAAGAAGAGAAGTTGAAGTCTGAAACTCCGCTTTCAGA
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 TCAGTAAACACAGACCCAGCCACTTCTGCCTCTACTGTAGATGTAAGCCATCACCTTCTGCAGCAGAGG
 CAGATTTTGACATAGTAAACAAAGGGCAAGTCTGTGAAATGACCAAGAAATGCTGACAAAACAGAAAA
 GTATAATAAATGTAACAACCTTTCAGGATGAGAAAGCAAAATGCAATAAATATGCTGATGAAGTTCGA
 AAAATGGAGCTGAAATGGAAGAACAAGTGAATTTGCTGAAATGTAACCTTGAAGTACTGAGTGAAGTAC
 AGGACAATTATAAAGAACTTAAAAGGAGTCTAGAAAATCCAGCAGAAAGGAAAATGGAAGATGGAGCAGA
 TGGTGCTTTTACCCAGATGAAATACAAAGGCCACCTGTGAGAGTCCCCTCTTGGGGACTGGAAGACAAT
 GTTGTCTGCAGCCAGCCTGCTCGAACTTTAGTCGGCCTGATGGCTTAGAGGACTCTGAGGATAGCAAG
 AAGATGAGAAATGTCCTACTGCTCCTGATCCTCAAGTCAACATTTACGTGGCATGGGACAGGCTTTTG
 CTTTGATTCCAGCTTTGATGTTCAAGAAGTGTCCCCTCTGTGAGTTAATGTTTCTCCTAACTATGAT
 CAGAGCAAATTTGAAGAACATGTTGAAAGTCACTGGAAGGTGTGCCCGATGTGCAGCGAGCAGTTCCCTC
 CTGACTATGACCAGCAGGTGTTTGAAGGCATGTGCAGACCCATTTTGATCAGAATGTTCTAAATTTTGA
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212289 representing NM_001079864
Red=Cloning site Green=Tags(s)

MTSFQEVLQTSNFAHVIFQNVAKSYLPNAHLECHYTLTPYIHPHPKDWVGIKVGWSTARDYYTFLWSP
MPEHYVEGSTVNCVLAFAQGYLPNDGGEFYQFCYVTHKGEIRGASTPFQFRASSPVEELLTMEDEGNSDM
LVVTTKAGLLELKIETKMKKEEELLKLI AVL EKETAQLREQVGRMERELNHEKERCDQLQAEQKGLTEVT
QSLKMENEEFKRFSDATSKAHQLEEDI VSVTHKAI EKETE LDSLKDKL KKAQHEREQLE CQLKTEKDEK
ELYKVHLKNT EIENTKLMSEVQTLKNLDGNKESVITHFKEEIGRLQLCLAEKENLQRTFLLTTSSKEDTC
FLKEQLRKAEEQVQATRQEVVFLAKELSDAVNVRDRMTADLHTARLENEKVKKQLADAVAE LKLNAMKKD
QDKDTLEHELRRVEDLKLRLQMAADHYKEKFKECQRLQKQINKLSDQSANNNNVFTKKTGNQQKYNDA
SVNTDPATSASTVDVKPSPSAAEADFDIVTKGQVCEMTKEIADKTEKYNKCKQLLQDEKAKCNKYADELA
KMELKWKQVKIAENVKLELAEVQDNYKELKRSLENPAERKMEDGADGAFYPDEIQRPPVVRVPSWGLEDN
VVCSQPARNFSRPDGLDESDSKEDENVPTAPDPPSQHLRGHGTGFCFDSFVDVHKKCP LCELMFP PNYD
QSKFEEHVESHKVCPMCSEQFPPDYDQVFERHVQTHFDQNVLNFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001079864

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.

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

RefSeq: [NM_001079864.3](#)

RefSeq Size: 3380 bp

RefSeq ORF: 2244 bp

Locus ID: 8887

UniProt ID: [Q86VP1](#)

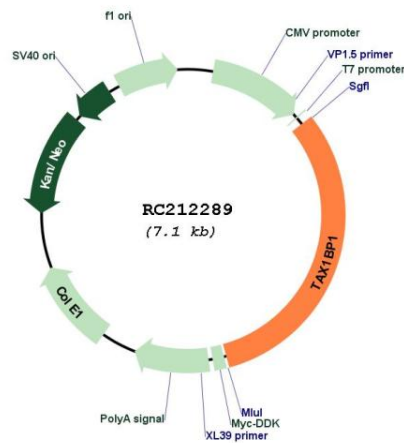
Cytogenetics: 7p15.2

Protein Families: Druggable Genome

MW: 86.3 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 RC212289