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Product datasheet for RC208233

TAX1BP1 (NM_006024) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAX1BP1 (NM_006024) 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)

ORF Nucleotide Sequence:

>RC208233 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACATCCTTTCAAGAAGTCCCATTGCAGACTTCCAACTTTGCCCATGTCATCTTTCAAAATGTGGCCA
AGAGTTACCTTCCTAATGCACACCTGGAATGTCATTACACCTTAACTCCATATATTCATCCACATCCAAA
AGATTGGGTTGGTATATTCAAGGTTGGATGGAGTACTGCTCGTGATTATTACACGTTTTTATGGTCCCCT
ATGCCTGAACATTATGTGGAAGGATCAACAGTCAATTGTGTACTAGCATTCCAAGGATATTACCTTCCAA
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AGAACTTAACCATGAGAAAGAAAGATGTGACCAACTGCAAGCAGAACAAAAGGGTCTTACTGAAGTAACA
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CAAACTCAAGAAGGCACAACATGAAAGAGAACAACTTGAATGTCAGTTGAAGACAGAGAAGGATGAAAAG
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CAGATTTTGACATAGTAACAAAGGGGCAAGTCTGTGAAATGACCAAAGAAATTGCTGACAAAACAGAAAA
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GCCTGCTCGAAACTTTAGTCGGCCTGATGGCTTAGAGGACTCTGAGGATAGCAAAGAAGATGAGAATGTG
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AGAACATGTTGAAAGTCACTGGAAGGTGTGCCCGATGTGCAGCGAGCAGTTCCCTCCTGACTATGACCAG
CAGGTGTTTGAAAGGCATGTGCAGACCCATTTTGATCAGAATGTTCTAAATTTTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208233 protein sequence
Red=Cloning site Green=Tags(s)

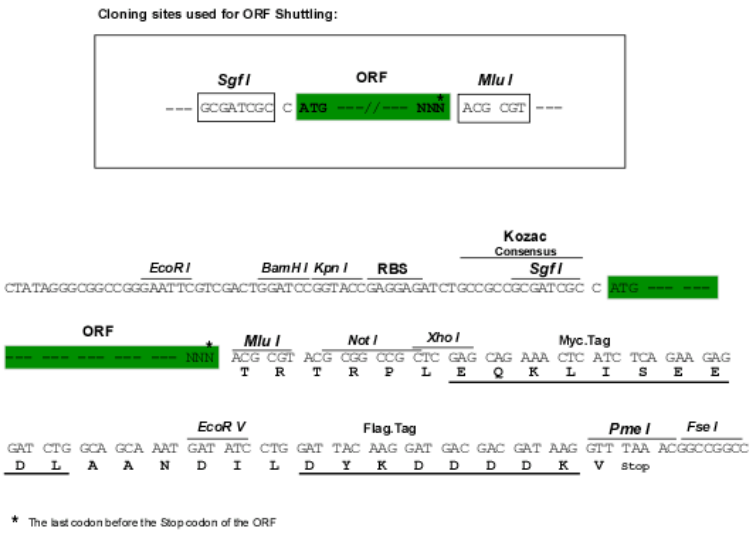
MTSFQEVPLQTSNFAHVIFQNVAKSYLPNAHLECHYTLTPYIHPHPKDWVGIFKVGWSTARDYYTFLWSP
MPEHYVEGSTVNCVLAFQGYYLPNDDGEFYQFCYVTHKGEIRGASTPFQFRASSPVEELLTMEDEGNSDM
LVVTTKAGLLELKIEKTMKEKEELLKLIAVLEKETAQLREQVGRMERELNHEKERCDQLQAEQKGLTEVT
QSLKMENEEFKKRFSDATSKAHQLEEDIVSVTHKAIEKETELDSLKDKLKKAQHEREQLECQLKTEKDEK
ELYKVHLKNTEIENTKLMSEVQTLKNIDGNKESVITHFKEEIGRLQLCLAEKENLQRTFLLTTSSKEDTC
FLKEQLRKAEEQVQATRQEVVFLAKELSDAVNVRDRTMADLHTARLENEKVKKQLADAVAELKLNAMKKD
QDKTDTLEHELRREVEDLKLRLQMAADHYKEKFKECQRLQKQINKLSDQSANNNNVFTKKTGNQQKVNDA
SVNTDPATSASTVDVKPSPSAAEADFDIVTKGQVCEMTKEIADKTEKYNKCKQLLQDEKAKCNKYADELA
KMELKWKEQVKIAENVKLELAEVQDNYKELKRSLENPAERKMEGQNSQSPQCFKTCSEQNGYVLTLSNAQ
PVLQYGNPYASQETRDGADGAFYPDEIQRPPVRVPSWGLEDNVVCSQPARNFSRPDGLEDSEDSKEDENV
PTAPDPPSQHLRGHGTGFCFDSSFDVHKKCPLCELMFPPNYDQSKFEEHVESHWKVCPMCSEQFPPDYDQ
QVFERHVQTHFDQNVLNFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6090_h04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_006024

ORF Size: 2367 bp

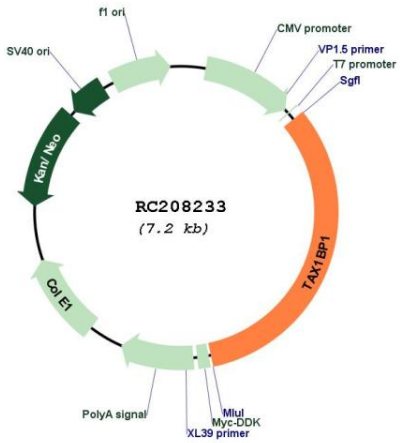
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.

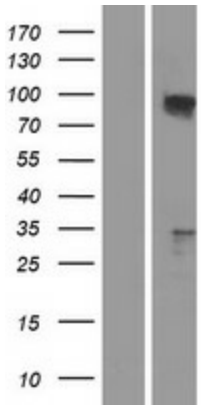
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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_006024.6
RefSeq Size:	3506 bp
RefSeq ORF:	2370 bp
Locus ID:	8887
UniProt ID:	Q86VP1
Cytogenetics:	7p15.2
Protein Families:	Druggable Genome
MW:	90.9 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 RC208233



Western blot validation of overexpression lysate (Cat# [LY401819]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208233 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).