

Product datasheet for **RG208233**

TAX1BP1 (NM_006024) Human Tagged ORF Clone

Product data:

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

>RG208233 representing NM_006024
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACATCCTTTCAAGAAGTCCCATTGCAGACTTCCAACCTTTGCCCATGTCATCTTTCAAATGTGGCCA
 AGAGTTACCTTCCTAATGCACACCTGGAATGTCATTACACCTTAACCTCCATATATTCATCCACATCCAAA
 AGATTGGTTGGTATATTCAAGTTGGATGGAGTACTGCTCGTGATTATTACACGTTTTTATGGTCCCCT
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

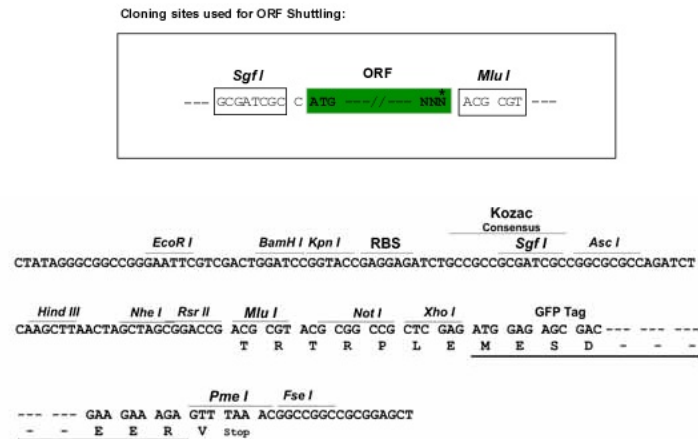
Protein Sequence: >RG208233 representing NM_006024
 Red=Cloning site Green=Tags(s)

MTSFQEVLQTSNFAHVIFQNVAKSYLPNAHLECHYTLTPYIHPHPKDWVGIFKVGWSTARDYYTFLWSP
 MPEHYVEGSTVNCVLAFCGYLNDGGEFYQFCYVTHKGEIRGASTPFQFRASSPVEELLTMEDEGNSDM
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 QSLKMENEEFKKRFSDATSKAHQLEEDIVSVTHKAIEKETELDSLKDKLKAQHEREQLEQKTEKDEK
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 FLKEQLRKAEEQVQATRQEVVFLAKELSDAVNVDRMTADLHTARLENEKVKKQLADAVAEKLNAMKKD
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 SVNTDPATSASTVDVKPSPSAEADFDIVTKGQVCEMTKEIADKTEKYNKCKQLLQDEKAKCNKYADELA
 KMELKWKEQVKIAENVKLELAEVQDNYKELKRSLENPAERKMEGQNSQSPQCFTKCEQNGYVLTLSNAQ
 PVLQYGNPYASQETRDGADGAFYPDEIQRPVVRVPSWGLEDNVCSQPARNF SRPDGLEDSEDSKEDENV
 PTAPDPPSQHLRGHGTGFCFDDSSFDVHKKCPLCELMFPNYDQSKFEEHVESHVKVCPMCSEQFPDPYDQ
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TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_006024

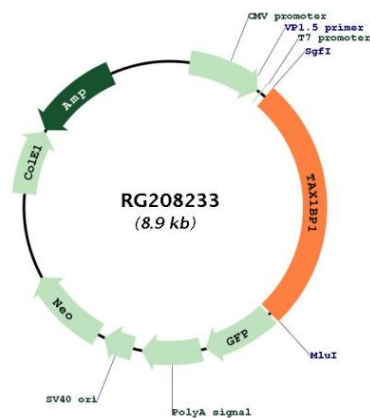
ORF Size: 2367 bp

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.
RefSeq:	<u>NM_006024.5, NP_006015.4</u>
RefSeq Size:	3466 bp
RefSeq ORF:	2370 bp
Locus ID:	8887
UniProt ID:	<u>Q86VP1</u>
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 RG208233