

Product datasheet for **SC331701**

TAX1BP1 (NM_001206902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAX1BP1 (NM_001206902) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAX1BP1
Synonyms:	CALCOCO3; T6BP; TXBP151
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331701 representing NM_001206902. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAAGAAAAAGAAGAACTGTTAAAGTTAATTGCCGTTCTGGAAAAAGAAACAGCACAACCTTCGAGAA
CAAGTTGGGAGAATGGAAGAGAACTTAACCATGAGAAAGAAAGATGTGACCAACTGCAAGCAGAACAA
AAGGCTCTTACTGAAGTAACACAAAGCTTAAAAATGGAATGAAGAGTTTAAGAAGAGGTTTCAGTGAT
GCTACATCCAAAGCCCATCAGCTTGAGGAAGATATTGTGTCAGTAACACATAAAGCAATTGAAAAAGAA
ACCGAATTAGACAGTTTAAAGGACAACTCAAGAAGGCACAACATGAAAGAGAACAACTTGAATGTCAG
TTGAAGACAGAGAAGGATGAAAAGGAACTTTATAAGGTACATTTGAAGAATACAGAAATAGAAAATACC
AAGCTTATGTCAGAGGTCCAGACTTTAAAAATTTAGATGGGAACAAAGAAAGCGTGATTACTCATTTTC
AAAGAAGAGATTGGCAGGCTGCAGTTATGTTTGGCTGAAAAGGAAAAATCTGCAAAGAACTTTCCTGCTT
ACAACCTCAAGTAAAGAAGATACTTGTTTTTAAAGGAGCAACTTCGTAAAGCAGAGGAACAGGTTTCAG
GCAACTCGGCAAGAAGTTGTCTTTCTGGCTAAAGAAGTCAAGTGTGCTGTCAACGTACGAGACAGAACG
ATGGCAGACCTGCATACTGCACGCTTGGAAAACGAGAAAGTGAAGAAAGCAGTTAGCTGATGCAGTGGCA
GAACTTAACTAAATGCTATGAAAAAGATCAGGACAAGACTGATACACTGGAACACGAACTAAGAAGA
GAAGTTGAAGATCTGAACTCCGCTTTCAGATGGCTGCAGACCATTATAAAGAAAAATTTAAGGAATGC
CAAAGGCTCCAAAAACAAATAACAACTTTTCAGATCAATCAGCTAATAATAATGTCTTCACAAAG
AAAACGGGGAATCAGCAGAAAGTGAATGATGCTTCAGTAAACACAGACCCAGCCACTTCTGCCTCTACT
GTAGATGTAAAGCCATCACCTTCTGCAGCAGAGGCAGATTTTGACATAGTAACAAGGGGCAAGTCTGT
GAAATGACCAAAGAAATTGCTGACAAAACAGAAAAGTATAATAATGTAAACAACTCTTGCAAGGATGAG
AAAGCAAAATGCAATAAATATGCTGATGAACTTGCAAAATGGAGCTGAAATGGAAGAACAAGTAAAA
ATTGCTGAAAATGTAAACTTGAAGTACAGGACAATTATAAAGAACTTAAAGGAGTCTA
GAAAATCCAGCAGAAAGGAAAAATGGAAGATGGAGCAGATGGTGTCTTTTACCCAGATGAAATACAAAGG
CCACCTGTCAGAGTCCCCTCTTGGGACTGGAAGACAATGTTGTCTGCAGCCAGCCTGCTCGAACTTT
AGTCGGCCTGATGGCTTAGAGGACTCTGAGGATAGCAAGAAGATGAGAATGTGCCTACTGCTCCTGAT
CCTCCAAGTCAACATTTACGTGGGCATGGGACAGGCTTTTGCTTTGATTCCAGCTTTGATGTTACAAAG
AAGTGTCCCCTCTGTGAGTTAATGTTTCCTCCTAACTATGATCAGAGCAAATTTGAAGAATGTTGAA
AGTCACTGGAAGGTGTGCCCAGTGTGCAGCGAGCAGTTCCCTCCTGACTATGACCAGCAGGTGTTTGA
AGGCATGTGCAGACCCATTTTGATCAGAATGTTCTAAATTTTGTAGTAG

Restriction Sites: SgfI-MluI



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ACCN:	NM_001206902
Insert Size:	1773 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001206902.1</u>
RefSeq Size:	3192 bp
RefSeq ORF:	1773 bp
Locus ID:	8887
UniProt ID:	<u>Q86VP1</u>
Cytogenetics:	7p15.2
Protein Families:	Druggable Genome
MW:	68.3 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] Transcript Variant: This variant (4) is missing an internal coding exon compared to variant 1. This results in the creation of an upstream ORF (uORF), translation of which will render this transcript a candidate for nonsense-mediated mRNA decay (NMD). However, since the uORF has a weak Kozak signal, translation from an in-frame downstream AUG is possible by leaky scanning, resulting in an isoform (3) with a shorter N-terminus and missing an internal protein segment compared to isoform 1.