

Product datasheet for **SC310262**

TRIM16 (NM_006470) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM16 (NM_006470) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM16
Synonyms:	EBBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310262 representing NM_006470.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCTGAGTTGGATCTAATGGCTCCAGGGCCACTGCCAGGGCCACTGCTCAGCCCCAGCCCCTCTC
AGCCCAGACTCTGGGTACCCAGCCCAGATTCTGGGTGAGCCAGCCAGTGAAGAAGAGGACGTGGGC
TCCTCGGAGAAGCTTGGCAGGGAGACGGGAACAGGACAGCGACTCTGCAGAGCAGGGGATCCTGCT
GGTGAGGGGAAAGAGGTCTGTGTGACTTCTGCCTTGATGACACCAGAAGAGTGAAGGCAGTGAAGTCC
TGTCTAACCTGCATGGTGAATTACTGTGAAGAGCACTTGCAGCCGCATCAGGTGAACATCAAAGTCAA
AGCCACCTGCTGACCGAGCCAGTGAAGGACCACAAGTGGCGATACTGCCCTGCCACCACAGCCCCTG
TCTGCCTTCTGCTGCCCTGATCAGCAGTGCATCTGCCAGGACTGTTGCCAGGAGCACAGTGGCCACACC
ATAGTCTCCCTGGATGCAGCCCGCAGGGACAAGGAGGCTGAACCTCAGTGCACCCAGTTAGACTTGGAG
CGGAAACTCAAGTTGAATGAAAATGCCATCTCCAGGCTCCAGGCTAACCAAAAGTCTGTTCTGGTGTG
GTGTCAGAGGTCAAAGCGGTGGCTGAAATGCAGTTTGGGAACTCCTTGTGCTGTGAGGAAGGCCAG
GCCAATGTGATGCTCTTCTTAGAGGAGAAGGAGCAAGCTGCGCTGAGCCAGGCCAACGGTATCAAGGCC
CACCTGGAGTACAGGAGTGCCGAGATGGAGAAGAGCAAGCAGGAGCTGGAGAGGATGGCGGCCATCAGC
AACACTGTCCAGTTCTTGGAGGAGTACTGCAAGTTTAAAGAACTGAAGACATCACCTTCCCTAGTGTT
TACGTAGGGCTGAAGGATAAACTCTCGGCATCCGCAAAGTTATCACGGAATCCACTGTACACTTAATC
CAGTTGCTGGAGAACTATAAGAAAAAGCTCCAGGAGTTTTCAAGGAAGAGGAGTATGACATCAGAACT
CAAGTGTCTGCCGTTGTTGAGCGCAAATATTGGACTTCCAACCTGAGCCAGCACCAGGGAACAGTTC
CTCCAATATGCGTATGACATCACGTTTGACCCGGACACAGCACACAAGTATCTCCGGCTGCAGGAGGAG
AACCGCAAGGTACCAACACCACGCCCTGGGAGCATCCCTACCCGGACCTCCCAGCAGTTCTCTGCAC
TGGCGGCAGGTGCTGTCCAGCAGAGTCTGTACCTGCACAGTACTATTTGAGGTGGAGATCTTGGGG
GCAGGCACCTATGTTGGCCTGACCTGCAAGGCATCGACCGGAAAGGGAGGAGCGCAACAGTTGCATT
TCCGGAACAACCTTCTCCTGGAGCCTCCATGGAACGGGAAGGAGTTCACGGCCTGGTACAGTGACATG
GAGACCCCACTCAAAGCTGGCCCTTCCGGAGGCTCGGGGTCTATATCGACTTCCCGGGAGGGATCCTT
TCCTTCTATGGCGTAGAGTATGATACCATGACTCTGGTTCACAAGTTTGCCTGCAAATTTTCAGAACCA
GTCTATGCTGCCTTCTGGCTTCCAGAAGGAAAACGCCATCCGGATTGTAGATCTGGGAGAGGAACCC
GAGAAGCCAGCACCGTCTTGGTGGGACTGCTCCCTAG
ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_006470

Insert Size: 1695 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_006470.3](#)

RefSeq Size: 2920 bp

RefSeq ORF: 1695 bp

Locus ID: 10626

UniProt ID: [O95361](#)

Cytogenetics: 17p12

Domains: zf-B_box, SPRY, PRY

Protein Families: Druggable Genome, Transcription Factors

MW: 64 kDa

Gene Summary: The protein encoded by this gene is a tripartite motif (TRIM) family member that contains two B box domains and a coiled-coiled region that are characteristic of the B box zinc finger protein family. While it lacks a RING domain found in other TRIM proteins, the encoded protein can homodimerize or heterodimerize with other TRIM proteins and has E3 ubiquitin ligase activity. This gene is also a tumor suppressor and is involved in secretory autophagy. [provided by RefSeq, Jan 2017]

Transcript Variant: This variant (3), as well as variants 1 and 2, encodes isoform a.