

Product datasheet for **MC220182**

Trim32 (NM_053084) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim32 (NM_053084) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim32
Synonyms:	3f3; 1810045E12Rik; BBS11; Zfp117
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220182 representing NM_053084
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGGCTGCAGCAGCTTCTCACCTGAACCTGGATGCCCTCCGGGAAGTGCTAGAATGTCCCATCT
 GCATGGAGTCCTCACTGAAGAGCAGCTGCGACCCAAGCTGCTGCACTGTGGCCATACCATCTGCCGCCA
 GTGTCTGGAGAAGCTCCTGGCCAGCAGCATCAATGGCGTCCGCTGCCCTTTTGCAGCAAGATTACTCGC
 ATCACCAGCTGACCCAGCTGACCGACAACCTGACGGTGTGAAGATCATTGACACAGCTGGGCTCAGTG
 AGGCCGTGCGCTGCTCATGTGCCGAGGCTGTGGCCGGCGGCTGCCTCGGCAATTCTGCCAAGCTGTGG
 TGTGGTGTGTGAACCCTGCCGGGAGGCAGATCACCAACCCCTGGCCACTGCACACTCCGGTCAAG
 GAGGCAGCTGAGGAGCGGCGGAGGGACTTCGGGAGAAGTTGACTCGTCTAAGGGAATTACTGGAGAGC
 TGCAGAGGAGGAAGGCAGCCTTGGAGGGCTCTCCAGGGATCTCAGGCAAGGTATAAGGCTGTTCTTCA
 AGAATATGGCCATGAGGAACGCCGATCCAGGAAGAGCTAGCCCGCTCTCGGAAGTCTTACAGGCTCC
 TTGGCTGAGGTTGAGAAGTCCAACAGTCAAGTGGTAGAGGAGCAGAGCTACCTACTCAACATTGCTGAGG
 TGCAGGCCGTGTCTCGCTGTGACTACTTCTAGCGAAGATCAAGCAAGCTGATGTAGCCCTCCTGGAGGA
 GACAGCGGATGAGGAGGAGCCGAGCTCACTGCCAGCCTACCCCGGAGCTTACCCTGCAAGATGTGGAG
 CTCCTTAAGGTAGGACACGTTGGTCTCTGCAAATGGCCAGGCTGTTAAGAAGCCCGGACAGTTAACA
 TGGAAGATTCTGGGCAGGGGAGGAGGGAGCAGCATCTTCTGCCTCAGCCTCGGTAACCTTTAGAGAGAT
 GGACATGAGCCCTGAGGAAGTAGCTCCCAGCCTAGGGCTTCCCCCGGAAACAGCGGAGTTCTGAGGCA
 GCTTCCGGATCCAGCAGTGTCTGTTTCAAGAAGATGGGGGCGAAAGGCAGCACTCCCGCATGTTCA
 ATCTCCAGTCAGTCTCTATGTGACCAGTCAGAGTGAGGTGCTGGTTGCCGACCGGGCAACTATCGTAT
 CCAAGTGTTC AACCGCAAAGGCTTTTTGAAGGAGATCCGCCGACGCCCCAGCGGATTGATAGCTTCGTG
 CTAAGTTCCTTGGAGCCGACTTGCCCAATCTCACTCCACTTTAGTGGCCATGAACTGCCATGGGCTGA
 TTGGTGTCACTGATAGCTACGACAACCTCCCTAAAGTCTATACCATGGATGGCCACTGTGTGGCCTGTCA
 CAGGAGCCAGCTGAGCAAACCATGGGGCATCACAGCCCTACCATCTGGCCAGTTTGTGGTACTGACGTG
 GAAGGCGGAAGCTCTGGTGTTCCTGTAGACCGAGGAGCAGGAGTGGTCAAATACAGTGCCTCTGCA
 GTGCTGTGAGGCCAAGTTGTACCTGTGATGCTGAAGGCACAGTCTACTTCACCAAGGCTTGGGGCT
 CAATGTGAAAACCGACAGAATGAACACCCTGGAGGGTGGCTTCTCCATCGTCTGTGGCCCCGAT
 GGGCAGCTGGGCCGCAAATCAGCCACTCTTCTGAGAAATGAAGATTTCCGCTGCATCGCTGGCATGT
 GTGTAGATGCTCGGGCGACCTCATTGTGGCAGATAGCAGCCGCAAGGAAATTCTCCATTTCCCAAGGG
 CGGTGGCTACAGCGTCTTATTTCGAGAGGGCTTACCTGTCCAGTGGGCATCGCCCTCACACCAAGGGG
 CAGCTGCTGGTCTTGACTGTTGGGATCACTGCGTCAAGATCTACAGCTATCATCTGAGAAGATATTCCA
 CCCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053084
- Insert Size:** 1968 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: [NM_053084.2](#), [NP_444314.2](#)

RefSeq Size: 3196 bp

RefSeq ORF: 1968 bp

Locus ID: 69807

UniProt ID: [Q8CH72](#)

Cytogenetics: 4 34.43 cM

Gene Summary: Has an E3 ubiquitin ligase activity. Ubiquitinates DTNBP1 (dysbindin). May ubiquitinate BBS2 (By similarity). Ubiquitinates PIAS4/PIASY and promotes its degradation in keratinocytes treated with UVB and TNF-alpha.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.