

Product datasheet for RN215201

Trim11 (NM_001108276) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trim11 (NM_001108276) Rat Untagged Clone
Tag: Tag Free
Symbol: Trim11
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215201 representing NM_001108276

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGCGATGCTGTTCCAAGCCCAGGCTGAGGAACTGTGCCTTGTGGCAGGCAGATGGTGGAGAGCCAGC
GGCAGAAATGTGCTGGGCGAGTTTGAGAGGCTGCGCCGCTACTGGCAGAGGAGGAGCAGCAGCTGCTGCA
GAAGCTGGAGGAGGAGGAGCTGGAGTTCTGCCCGCCTGCGGGAAGGAGCTGCACGGCTAGGCCAGCAA
AGCACGCAGCTCGCGGCCCTCGTCTCAGAGCTTGAGAGCCGCTGCCAGCTGCCAGCACTGGGTTTATTGC
AGGACATTAAGGACGCCCTGTGCAGGGTGCAGGATGTGAAGCTCCAGCCTCCAGCAGTGGTGCATGGA
GCTGAGGACTGTGTGCCGGTCCCAGGGCTGGTGGAGACCCTGCGGAGGTTCCGAGGTGACATAACCTTG
GACCCAGACACCGCAACCCGGAGCTGGTCTTATCTGAGGACCGAGGAGTGTGCAGCGTGGTGAACAGC
GGCAGGCCCTGCCTGACAGCCCAGAGCGGTTTCGACCCAGGCCCTGTGTGCTGGGCCAGGAGCGCATTAC
CTCTGGCCGCCACTACTGGGAGGTAGAAGTTGGGGACCAAACAGCTGGGCACTTGGCGTGTGCAAAGAA
ACTGTCAACAGGAAGGAAAGGGGGAGCTGTCCGCTGGCAATGGGTTCTGGATCCTGGTGTCTGGGGA
GCTTCTAACTCCAATGAGCGGCCCTTCTCCCACTACGGGACCCTCCAAGCGTGTGGGGATTTTCT
GGACTATGAAGCTGGTCATCTCATTCTACAGTGCCACAGATGGGTCGCTGTTGTTTATCTTCCCTGAG
ACCCCTTCTCAGGTACTGCGGCCTCTTTCTCACCTCTGTCCAGCAGCCCAACCCCTATGACCATCT
GCAGACTGATAGGTGTTTCTGGGACACCCCTGGTCCCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001108276
Insert Size: 954 bp



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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:	<ol style="list-style-type: none">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_001108276.1</u> , <u>NP_001101746.1</u>
RefSeq Size:	2373 bp
RefSeq ORF:	954 bp
Locus ID:	360534
Cytogenetics:	10q22
Gene Summary:	E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX. Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis. May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences. May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal degradation pathway. Mediates MED15 ubiquitination leading to proteasomal degradation. May contribute to the innate restriction of retroviruses.[UniProtKB/Swiss-Prot Function]