

Product datasheet for MC212472

Trim40 (NM_001033235) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim40 (NM_001033235) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim40
Synonyms:	Gm35; Gm319; Gm865
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212472 representing NM_001033235 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTCTCTTGACAAGGACAACCAGGACATTTGTCCTATCTGCCTGGATCCCCTGAAGGAGGCTGTGA
GCACCGACTGCAGACATCTTTCTGCCGCATGTGCCTGACCCAGCACATGGATAAGGCTTCAGTCTCTGG
GATTCTCAGTGCCAGTCTGCAGGAAGCCATGTTCCGAGGGGTCCTTGAGACAATTACATCTGCCAC
ACCCACCAGAAGAGGGTGCAGGTTCTGTGAGGCTAGCGGACATCTTGTGTGAGGAATGCCTCCAAT
CCCCTGAACACCAGTCCCATACTGAACCTCCATTGAAAATGCCATCAGCCACTACAAGGAAAGACTCAA
CCGGAGAAGCAGGAAGCTCAGAAAGGACCTTGGGAACCTTCAACAGCTGAAGGCTCAGGAAAAGAAGATG
CTGCAGGCTCTGCAGGTGGATTGTGAGTGTACAGGCTAAGAAGTACCTGCAGAACCAAGACCAACCA
AGGAACAAGTGAAGGCTCTCCATGGCATTGGCTGGACCAAGAGGACTTACCAGAGGAGGTGGCCAAGAT
CTTTAGCTTCTCTGAGGCAGTAACACAGCTCAGCATCCTGGTTTCTGGCCTGGAAAGGATGGCCAAGGAT
CTGGATGCCAGCACCTGAAGGATGCCAGTGACTTACTGGACAGGAGCGCACACAGAAATTAGAAGGAC
TTCTCTCGTGTCTCTCAGCTGGTCCAAAGCTCAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001033235
Insert Size:	741 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:	NM_001033235.3 , NP_001028407.1
RefSeq Size:	2197 bp
RefSeq ORF:	741 bp
Locus ID:	195359
UniProt ID:	Q3UWA4
Cytogenetics:	17 B1
Gene Summary:	<p>May function as an E3 ubiquitin-protein ligase of the NEDD8 conjugation pathway. Promotes neddylation of IKBKG/NEMO, stabilizing NFKBIA, and inhibiting of NF-kappaB nuclear translocation and activity (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>