

Product datasheet for RN200675

Trim40 (NM_001009175) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim40 (NM_001009175) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim40
Synonyms:	Rnf35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200675 representing NM_001009175 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCCCTCTTGACAAGGACAACCAGGACATTTGTCCTATCTGCCTGGATCCCCTGAAGGAGGCTGTGA
GCACCGACTGCAGACACCTTTTCTGCCGCATGTGCCTGATCCGGCACATGGATAAGGCTTCGGTCTCCGG
GGTTCTCAGCTGCCCGGTCTGCAGGAAGCCCTGTTCCGAGACAGTCTTGGAGACAATTACATCTGCCAC
ACTCACCAGAAGAGGGTGTGCAGGTTCTGTGAGTCTAGCAGACACCTCCTGTGTGAGGAATGCCTCCAGT
CCCCCGAACACCGGGCCATACTGAGCTCTCCATTGAAAATGCCATCAGCCACTACAAGGAAAGACTCAA
TCGGAGAAGCAGGAAGCTCAGAAAGGACCTTGGGGACCTTCAACGGCTGAAGGCTCAGGAAGAGAAGATG
CTCCAGGCTCTGCAGGTTGATTGGGGGAGCCACAGGCCAAGAAGTCTGAGCAGCAGAACCAAGACCAACCG
AGCTACAGCAGAAGGCCCTCCCTCGGCATTGGCTGGACCAACGAGAGGACCCGCCAGAGGAGGTGGCCAA
GGTCTTTAACTTCTCTGAGGCAGTAACACAGCTCAGCATCCTGGTTTCCAGTCTGGAAAGGATGGCCAA
GAACTGGACGCCAGCACCTGAAGGATGCCAGCGACTTACTGGACAGGAGTTCGCAACAGAACTAGAAG
GACTTCTCTCATGTTCTCCAGCCAACCTAAGCTCAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001009175
Insert Size:	744 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_001009175.1</u> , <u>NP_001009175.1</u>
RefSeq Size:	744 bp
RefSeq ORF:	744 bp
Locus ID:	365528
UniProt ID:	<u>Q6MFY8</u>
Cytogenetics:	20p12
Gene Summary:	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]