

Product datasheet for **RN213662**

Trim3 (NM_031786) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim3 (NM_031786) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim3
Synonyms:	Berp; Rnf22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN213662 representing NM_031786
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAAGAGGGAGGACAGCCCTGGCCCGAGGTGCAGCCAATGGACAAGCAGTTTCTGGTATGCAGTA
 TCTGCCTGGATCGGTACCGGTGCCCAAAGTTCTGCCTTGTCTACACACCTTCTGCGAAAGATGTCTCCA
 GAACTACATCCCTCCTCAGAGCCTGACACTCTCGTGTCCAGTATGCCGGCAGACATCCATCCTCCCAGAA
 CAGGGTGTCTCAGCCCTACAAAACAACCTTCTTCATCAGCAGCCTCATGGAGGCCATGCAGCAGGCACCTG
 ATGGGGCCACGACCCCTGAAGACCCCCACCCCTCAGCGCAGTGGCTGGCCGCCCTCTCTCTGCCCAA
 CCATGAAGGCAAGACGATGGAGTTTACTGTGAGGCCTGTGAGACTGCCATGTGTGGTGAAGTCCCGCA
 GGGGAGCACCGTGAACACGGCACAGTGTGTTGCGGGACGTGGTGGAGCAGCACAAGGCAGCTCTACAGC
 GCCAGCTTGAAGCTGTGCTGGCCGATTGCCACAGCTGTCTGCAGCTATCGCCTTGGTTGGGGGCATCAG
 CCAGCAGCTGCAAGAGCGCAAGGCAGAGCCCTGGCCAGATAAGTGCAGCCTTTGAGGACCTGGAGCAA
 GCTCTGCAGCAGCGCAAGCAGGCTCTGGTCAGCGACTTGAGAGCATTTGTGGGGCAAGCAGAAGGTGT
 TGCAGACACAGTTAGACACACTGCGCCAGGGTCAGGAACACATTGGCAGTAGCTGCAGCTTTGCAGAGCA
 GGCACTGAGACTGGGCTCTGCCCTGAGGTTTTGCTAGTAAGAAAGCACATGCGAGAGAGGCTGGCTGCT
 CTGGCAGCTCAGGCCCTCCAGAAAGGCCCCATGAGAAATGCACAGCTGGAAGTGGTCTTGAAGTAGATG
 GGTTGCGGAGATCGGTGCTCAATCTGGGTGCACTGCTCACCACAGTGTGCTGCACACGAGACAGTGGC
 CACCGCGAGGGCCTGCGCCAGGCACTGGTTGGCCAGCCTGCCTCACTCACTGTCAACCAAAGACAAA
 GATGGGCGGTGGTGGCACGGGACGCGCAGAGCTGTGTGCAGAGACTACTGGCCCGATGGCATGCGCC
 TTGCGGTACCGGTGGTGGACCACAAAAATGGCACATATGAGCTGGTGTACACAGCAGTACAGAAGGCGA
 CCTGCTCCTCTCAGTGTCTCTATGGACAGCCGGTGGTGGCAGCCCTTTCCGTGTGCTGCCCTGAGA
 CCCGGAGACTTGCCACCTTCCCCAGATGATGTGAAGCGCCGGTCAAGTCTCCCGTGGTCTGGCAGTC
 ATGTGCGCCAGAAGGCAGTGCAGTGGCCGAGCTCCATGTACAGCACCGGTGGCAAACGGAAAGACAAATCC
 AATTGTGGATGAACTCGTCTTTCGTGTTGGCAGTGTGGAAGGGAGAAAGGTGAATTCACCAATTTACAC
 CCGCTGTCCGCTGCTAGCAGTGGCCGAATAGTGGTAGCAGACAGCAACAACCAATGTATTAGGTTTTCT
 CCAATGAGGGCCAGTTCAAGTCCGATTTGGAGTCCGTGGGCGCTCGCCTGGGCAACTACAGCGTCTAC
 GGGTGTGGCAGTGGACACCAATGGAGACATTATTGTGGCAGACTATGACAACCGTTGGGTGAGCATCTTC
 TCTCTGAGGGCAAGTTCAAGACAAAATTTGGAGCTGGCCGCTCATGGGGCCAAAGGGAGTGGCTGTGG
 ACCGGAATGGGCATATCATTGTGGTGGATAACAAGTCTTGTCTGTCTTACCTTCCAGCCCAATGGCAA
 GCTTGTGGGCGTTTTGGAGGCCGTGGGGCCACTGACCGCCACTTCGAGGGCCCACTTTGTGGCTGTG
 AACAAAGAATGAGATTGTAGTAACGGATTTCCACAACCATTAGTGAAGGTGTACAGTGTGATGGAG
 AGTTCTCTTCAAATTTGGCTCACATGGCGAGGGCAATGGACAGTTCAATGCCCCACGGGAGTAGCTGT
 GGATCCAATGGAACATCATCGTGGCTGACTGGGCAATAGTCGCATACAGGTATTTCAGACGCTCTGGT
 TCCTTCTGTCTATATCAACACGTCTGCAGAGCCACTGTATGGCCACAGGGCTTGGCATTGACCTCGG
 ATGGCCACGTAGTAGTGGCTGATGCTGGCAACCACTGCTTAAAGGCCTATCGATACCTCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_031786

Insert Size:

2235 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:	<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_031786.1</u> , <u>NP_113974.1</u>
RefSeq Size:	2890 bp
RefSeq ORF:	2235 bp
Locus ID:	83616
UniProt ID:	<u>O70277</u>
Cytogenetics:	1q32
Gene Summary:	interacts with myosin V; may be involved in myosin V-mediated cargo transport [RGD, Feb 2006]