

Product datasheet for **MR207605**

Trim62 (NM_178110) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim62 (NM_178110) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim62
Synonyms:	6330414G21Rik; AI450348; Dear1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207605 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGTGCAGCCTCAAGGACGAGCTGCTGTGCTCCATCTGCCTGAGCATCTACCAGGACCCGGTGAGCC
 TGGGCTGCGAGCACTACTTCTGCCGCCGCTGCATCACCGAGCACTGGGTGCGGCAGGAGGCTCAGGGCGC
 CCGCGACTGCCCGGAGTGCCGGCGCACGTTTCGCCGAGCCCGCGCTCGCGCCAGCCTCAAGCTGGCCAAC
 ATCGTGGAGCGCTACAGCGCCTTCCCGCTGGACGCCATCCTCAACGCGCGCCGAGCCGCGGACCCTGCC
 AGGCTCACGACAAGTCAAGCTTCTGCCTCACGGACCGCGCACTGCTCTGCTTCTTGTGATGAGCC
 CGCGCTGCACGAGCAACACCAGGTCCTGGCATCGACGATGCCTTCGAGGAGTTGCAGAGAGAAGTGAAG
 GAGCAGCTTCAGGCCCTCAGGACAGCGAGCGGGAACACAGGAGGCGCTGCAGCTCTCAAGCGACAGT
 TGGCAGAGACCAAGTCTCTACCAAGAGCCTGCGGACCACCATCGGGGAAGCCTTTGAGCGGCTGCACCG
 GCTACTTCGAGAGCGACAGAAGGCCATGCTGGAGGAACTGGAGGCCGACACAGCCCGCACACTGACGGAC
 ATTGAGCAGAAGTCCAGCGTTACAGCCAGCAACTACGAAAGGTGCAAGAGGGGGCCAGATCCTGCAGG
 AGCGGCTGGCAGAGACTGACCGCCACACCTTCTTGCAGGAGTGGCTCCCTGTCTGAGAGGCTCAAGGG
 GAAGATTCATGAGACCAACCTAACGTACGAAGACTTCCCGACCTCCAAGTACACAGGCCCCCTGCAGTAC
 ACCATCTGGAAATCGCTTTTCCAGGACATCCATCCAGTGCAGCTGCCCTGACCATGGACCCAGGCACTG
 CCCACCAGCGCTGATCTGTCCGATGACTGCACCATCGTGGCCTACGGGAACCTACACCACAACCACT
 GCAGGACTCACAAAGCGCTTTGACGTAGAGGTGTCGGTCTGGGCTCTGAAGCCTTCAGTAGCGGTGTC
 CACTACTGGGAGTGGTGGTGGCGGAGAAGACCAAGTGGGTGATTGGGCTGGCCATGAGGCTGCCAGTC
 GCAAAGGCAGCATCCAGATTCAGCCTAGCCGCGCTTCTACTGCATCGTTATGCATGACGTAACCAAGTA
 CAGCGCCTGCACAGAGCCCTGGACTAGGCTCAAGTCCGTGACAAGCTTGACAAGGTGGCGCTTCTCCTG
 GACTATGACCAGGGCTCCTCATCTTCTACAACGCCGATGACATGTCTGGCTCTACACCTTCCGAGAGA
 AGTTTCTGGCAAGCTCTGCTCTACTTCAAGCCCGGCCAGGCCACGCCAATGGCAAGAAGCTCCAACC
 ACTGCGGATCAACACCGTCCGCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207605 protein sequence
 Red=Cloning site Green=Tags(s)

MACSLKDELLCSICLSIYQDPVSLGCEHYFCRRRCITEHWVRQEAQGARDCEPCRRTFAEPALAPSLKLAN
 IVERYSAFPLDAILNARRAARPCQAHDKVKLFCLTDRALLCFFCDEPALHEQHQTGIDDAFEELQRELK
 EQLQALQDSEREHTEALQLLKRQLAETKSTKSLRTTIGEAFLERLHRLLRERQKAMLEEADTARTLTD
 IEQKVQRYSQLRKVQEGAQILQERLAETDRHTFLAGVASLSERLKGIHETNLTYEDFPTSKYTGPLQY
 TIWKSFLQDIHPVPAALTMDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSLGSEAFSSGV
 HYWEVVVAEKTQWVIGLAHEAASRKGSIQIQRGFIYVMHDGNYSACTEPWTRLNVRDKLDKVGVFLL
 DYDQGLLIFYNADMSWLYTFREKFPKGLCSYFSPGQSHANGKNVQPLRINTVRI

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_178110

ORF Size: 1428 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_178110.3](#)
RefSeq Size: 3216 bp

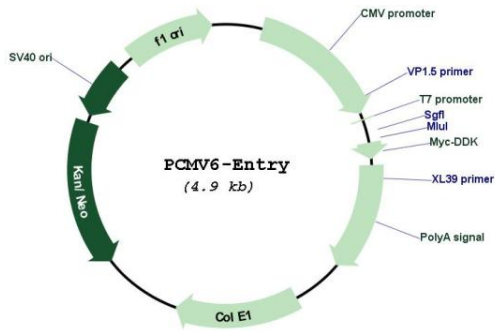
RefSeq ORF: 1428 bp

Locus ID: 67525

UniProt ID: [Q80V85](#)

Cytogenetics: 4 D2.2
 MW: 54.3 kDa
 Gene Summary: E3 ubiquitin ligase whose activity is dependent on E2 ubiquitin-conjugating enzyme UBE2D2. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207605