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Product datasheet for MC200148

Trip10 (NM_134125) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trip10 (NM_134125) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trip10
Synonyms:	AI646975; Cip4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC003249 sequence for NM_134125
CGGACGCGTGGGGGGCACACTGCCCTGGGGCTGAGTCTCCGGTGGAGGGCGGCGGAGACCCGGGCAGGAG
GCGGTGGCGTCCTGGGCGGCAAGAGCAGCATGGATTGGGGTACCGAGTTGTGGGATCAGTTTGAGGTGCT
GGAACGCCACACGCAGTGGGGGCTGGATTTGTTGGACAAATACGTGAAGTTCGTGAAAGAACGCGCGGAG
GTGGAGCAGGCTTATGCTAAGCAACTCCGGAGCCTGGTGAAAAAGTATCTTCCCAAGAGACCTACCAAAG
ATGACCCTGAAGTCAAGTTCAGCCAGCAGCAGTCATTTGTCCAGCTTCTCCAGGAGGTCAATGACTTCGC
AGGCCAGAGAGAGCTGGTGGCTGAGAGCCTCGGTATCCGAGTGTGTCTGGAGCTGGCTAAGTATTCACAG
GAGATGAAGCAGGAGAGGAAGATGCACTTCCAGGAAGGTCGTCGGGCCCAGCAGCAGCTGGAGAATGGCT
TCAAACAGCTGGAGAATAGTAAGCGGAAGTTTGAACGAGATTGCCGGGAGGCTGAGAAAGCGGCTCACAC
TGCTGAGCGCCTAGATCAGGACATTAATGCCACCAAGGCGGATGTGGAGAAGGCCAAGCAGCAAGCTCAC
CTTCGGAACCACATGGCAGAAGAGAGCAAGAATGAATATGCGGCCCAGCTGCAGCGCTTCAACCGAGACC
AGGCTCACTTCTACTTCTCACAGATGCCCCAGATATTCGATAAGCTGCAGGACATGGACGAACGCCGGGC
CACCCGCCTGGGGGCCGGGTATGGGCTCTTATCAGAGGCTGAACTGCAGGTGGTTCCCATTATTGGCAAA
TGCTTGGAGGGCATGAAGGTGGCCGCCGAGTCTGTGGATGCTAAGAACGACTCACAGGTCCTCATCGAAT
TACACAAGTCCGGGTTTGCCCGCCCAGGGGACTTGGAATTTGAAGACTTTAGCCAAGTTATCAACCGAGT
GCCTTCGGACAGCAGCCTGGGCACCCCGGATGGCAGGCCTGAGCTCCGAGCAGCCTCCAGCCGTAGCCGC
GCCAAGCGTTGGCCTTTCGGGAAAAAGAACAAGACCGTGGCTACCGAAGATTTCAGTCACTTGCCCCCGG
AGCAGCAGAGAAAGCGACTTCAGCAACAGCTGGAAGAGCGGAACCGAGAGTTGCAGAAGGAGGAGGACCA
GAGGGAGGCCCTGAAGAAGATGAAAGATGTATATGAGAAAACACCACAAATGGGGGACCCTGCCAGCTTA
GAGCCCCGCATTGCAGAGACCCTGGGCAACATTGAGAGGCTGAAGTTGGAAGTGCAGAAGTATGAGGCTT
GGTTGGCAGAAGCTGAAAGCCGGGTCCTCAGTAACCGAGGGGACAGCCTAAGCCGTCACGCTAGGCCCCC
TGATCCCCCAACTACTGCCCCACCTGATAGCAGCAGTAGCAGCACCAACAGTGGATCCCAGGACAATAAG
GAGAGCAGCTCAGAAGAGCCCCCTTCAGAAGGCCAGGACACCCCCATCTATACTGAGTTCGATGAGGACT
TTGAGGAGCCTGCATCCCCTATCGGCCAGTGTGTGGCTATCTACCATTTTGAAGGATCCAGCGAGGGAAC
CGTCTCCATGTCCGAGGGGGAAGACCTCAGCCTGATGGAGGAAGACAAGGGTGATGGATGGACGCGGGTC
AGGAGGAAACAGGGAGCTGAGGGCTACGTGCCCACCTCTTACCTCCGAGTCACACTCAACTGAACCCCAC
CAGAGGGGGACGAGGGGCAGGGCTGTCAGCTGCTGCTTCTGGGCCACAGGGGGGGCCCCCAGGACCTTGC
ACTTTATTCCTGCCCACGTGGCTTTTGGCTGAGACCTGTGTAACCTGCTGTCCCTCACTCACCTGTCACC
TGTCACCCTACGGGGACCCACTTGTGGCTTCCCACGTGGTTGTACATATTTGTCATTTAAGATCTTTCTT
CCCGCCGCTTGGCTTGAGCCAAGTTTTGTTTTATATTAAAAAAGTATATATAATTATAAAAAAAAAAAAA AAA

Restriction Sites: RsrII-NotI

ACCN: NM_134125

Insert Size: 1644 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:

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:	BC003249, AAH03249
RefSeq Size:	2033 bp
RefSeq ORF:	1644 bp
Locus ID:	106628
UniProt ID:	Q8CJ53
Cytogenetics:	17 D
Gene Summary:	Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL (By similarity). Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to 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.