

Product datasheet for **MR222082**

Trip6 (NM_011639) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trip6 (NM_011639) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trip6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR222082 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGGGGCCACCTGGCTTCCCCGAAGCAGCCAGAACCCTCCAGACTCCCTCAGGGGAGATCGCTGC
 CCAGAGGCGCCCTGGGCCCGCCAACGGCCACGGAGCAACTCCAGCCTCACCCAGGGTCAACTTTTG
 CCCCCTCCCGCTGAACACTGTTATCAGCCTCCGGGGGTACCGGAAGATCGGGGGCTACTTGGGTGGGA
 TCCCATGGAACACCCAGCGCTGCAGGGGCTCCCTCCAGACAGGGGGATCATCCGCCCTGGCAGTCTGG
 ATGCTGAGATAGATTGCTCACCAGCATGTTGGCTGATCTGGACGGGGTGCAGTCATGCACCTAGGCG
 GCCAGACAGACAGGCTTTTGGGCTCCCCACCCATGCTTACCGCGGAGGCTCCCTGAAGCCCAGTGG
 GGTGCTGTTCAAACCCGATGCTCCAGCATCCACTATGGTGGACCTACCCAGCCTCCTATGCTACCG
 CGAGCACGCCAGCTGGCCCTGCTTCCCTGTACAAGTGAAGGTGGCTCAACCTGTGAGAGGCTGTGGACT
 GCCCAGGCGAGGGCCTCTCAGGCTCTGGCCCTTCCAGGCCCCACTTTCCTCTGACAGGCTCGTGGT
 GAAGTCTGGGGGCTGGCTATAGAAGCCACCGAGAGCCAGGACCGGGGGTTCCGGAGGGACTTCTGGAG
 TACATATCCCTGCAGGAGGAGGGAGAGGAGGTGGGCATGAGCCTCAGGGCCCTTAGGCCAACCTCCTGA
 AGAGAACTGGAGAGACTGACCAAGAACTGGTGCATGACATGAGCCACCTCCCAGTGGGGAGTACTTT
 GGTGCGTGTGGTGGCTGTGGCGAAGATGTGGTGGGCGATGGAGCTGGGGTGTGGCCCTGGACCGTGTCT
 TCCATATTGGTTGCTTTGTGTGTCTACCTGTCCGGGCCAGCTCCGGGGCCAGCACTTCTATGCTGTGA
 GAGCGGGCATATTGTGAGAGCTGCTATGTGGCCACCTGGAGAAATGTTCCACATGCTCGAACCCATC
 CTGGACCGAATCCTGAGGGCTATGGGGAAGGCGTACCACCTGGTTGCTTACCTGTGTGGTATGCCACC
 GTGGTCTTGATGGCATCCCGTTCACAGTGGACGCCACCAGCAGATCCACTGCATTGAAGATTTCCACAG
 GAAATTTGCCCCACGATGCTCAGTGTGTGGTGGGCCATCATGCCGGAACCAAGGTGAGGAGAGACGGTG
 AGAATTGTTGCTCTGGATCGAAGTTTCCACATCGGCTGTTACAAGTGTGAGGAGTGTGGGCTGCTGCTGT
 CCTCTGAGGGAGAGTGTCAAGGCTGCTACCCGCTGGATGGGCACATCTTGTGCAAGGCTTGCAGCGCCTG
 CGGTATCCAAGAGCTCTCAGCCACTGTCACTGATTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222082 protein sequence
 Red=Cloning site Green=Tags(s)

MSGPTWLPPKQPEPSRLPQGRSLPRGALGPPTAHGATLQPHPRVNFPLPPEHCYQPPGVPEDRGPTWVG
 SHGTPQRLQGLPPDRGIIRPGSLDAEIDSLTSMADLDGGRSHAPRRPDRQAFEAPPPHAYRGGSLKPSG
 GAVPTPMLPASHYGGPTPASYATASTPAGPAFPVQVKAQPVVRCGLPRRGASQASGPLGPHFPLTGRG
 EVWGAGYRSHREPGVPEGPSVHIPAGGGRRGGHEPQGPLGQPPEEELERLTKKLVDMSHPPSGEYF
 GRCGGCGEDVVDGAGVVALDRVFHIGCFVCSTCRAQLRGQHFYAVERRAYCESCYVATLEKSTCSEPI
 LDRILRAMGKAYHPGCFTCVVCHRGLDGIPFTVDATSIHICIEDFHRKFAPRCSVCGGAIMPEPQGETV
 RIVALDRSFHIGCYKCEECGLLLSSEGECQGCYPLDGHILCKACSAWRIQELSATVTTDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_011639

ORF Size: 1443 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_011639.1](#), [NM_011639.2](#), [NM_011639.3](#), [NP_035769.1](#)

RefSeq Size: 1760 bp

RefSeq ORF: 1443 bp

Locus ID: 22051

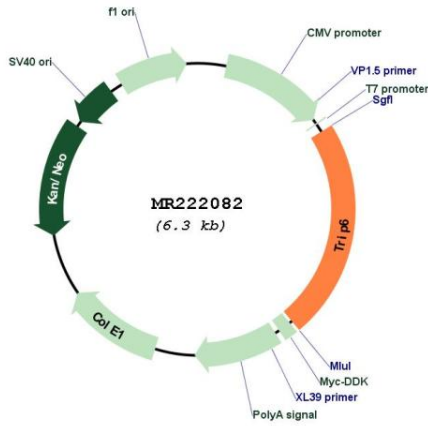
UniProt ID: [Q9Z1Y4](#)

Cytogenetics: 5 G2

MW: 50.9 kDa

Gene Summary: Relays signals from the cell surface to the nucleus to weaken adherens junction and promote actin cytoskeleton reorganization and cell invasiveness. Involved in lysophosphatidic acid-induced cell adhesion and migration. Acts as a transcriptional coactivator for NF-kappa-B and JUN, and mediates the transrepression of these transcription factors induced by glucocorticoid receptor (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222082