

Product datasheet for **MC200902**

Traip (NM_011634) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traip (NM_011634) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Traip
Synonyms:	Trip
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017374 sequence for NM_011634
CACGCGTCCGATTTGAAGGAACCGAGCGGCGCGGTTCCGGCCACCAAAGTGTGTCTGTGCGCTGGCAGC
TGGTTCCCTGGGCTGCTTGAAGTGCAGCCATCATGCCTATCCGCGCTCTGTGCACTATCTGCTCCGACTTC
TTCGATCACTCCCGTGACGTGGCTGCCATCCACTGTGGCCACACTTTTCATCTGCAATGCCTAATCCAGT
GGTTTGAGACAGCACCAAGTCGGACCTGCCACAGTGTAGAATCCAGGTTGGCAAAAAGACTATTATAAA
CAAACCTTTCTTTGACCTCGCCAGGAAGAGGAGAATGTCTTGGATGCAGAATTCCTAAAGAATGAACTG
GACAGCGTCAAAGCTCAGCTTTCCAGAAAGACAGGGAGAAACGGGACAGCCAGGCCATTATCGCACTC
TACGGGACACCCCTGGAAGAACGCAATGCTACTGTGGAGTCCCTACAGAACGCCTTAAACAAGGCAGAGAT
GCTGTGTTCCACCCTGAAAAACAGATGAAGTTCTGGAGCAGCGCAGGATGAGACCAAACAAGCTCGG
GAGGAGGCCACCGACTCAAGTCAAGATGAAAACCATGGAGCAAATTGAGCTCCTACTCCAGAGCCAGC
GGTCTGAGGTGGAGGAGATGATTCGAGACATGGGTGTGGGACAGTCAAGCGTGGAGCAGCTGGCTGTGTA
CTGCGTGTCCCTCAAGAAAGAGTATGAGAATCTGAAGGAAGCTCGGAAGGCCACAGGGAACTGGCTGAC
AGGTTGAAGAAGGATTTGGTGCCTCTAGGAGTAAGTTGAAGACTCTCAACTGAGCTGGATCAGGCCA
AGTTAGAAGTCAAGGTCAGCCAGAAAGACTTACAAAGTGTGACCAGGAGATCATGAGCCTAAGAAAGAA
GCTGATGATCCTCCAGGGAACCTTGAGCCTGCCTCCGGCGACCAATGAGACGGTCAAGCCGCTGGTTTTT
GAGAGCCAGCCCTGTGGAGATGATGAACCCGAGGCTTACCAGCCACCCTTCGGTGTGATGATTTGATC
TCAATACCACCTTTGATGTAATACCCCTCCAACCCAGACCTCTGGCTCCAGCATTGCCTCCCAAGAA
GCTGTGCCTGGAGAGGGCAGCTCTCCCATGCAGAATGCTCTCAAGAAGGTGCACAAAAGTCTCAAGCCG
GAGTCCCAGCTCTCACTGGTGGCCAGCGATGTGTAGGAGAGCTAGATGAGGAACTGGCTGGTGCCTTCC
CTCTCTTCATCCGGAATGCTGTCTGGTGCAGAAACAGCCCAACAGGACCACAGCAGAATCCCGTTGCAG
CACAGATGTGGTAAGAATAGGCTTTGATGGGCTTGAGGAGCAACAAAATTCATCCAGCCTAGGGACACA
ACCATTATCCGACCAAGTGCCTGTTAAGTCCAAGGCAAGAGTAAACAGAAAGTGAAGAATAAAGACTGTGA
GTTCTGCCTCCAGCCCAAGCTGGATACCTTTTTATGTCAGTGAACGGTGACCAGAGTCATGTTTGCAT
TAGTGGGCCAAGACCTGGCTAACCGGAAGTGTGTTTTGGAAGATGGCTCCTCTTGGACCAAGTCCAAGAGAG
ATGCCCCAGAAAACACACTTCTGTGTTCACTGCGCCCTGCACCACACTGGGAAGCCACATGACCAGTTTA
CTGTTCCGATCAGCAGGGCTACTTCCAGTTGCAGGGTTTTGCTTATAGCTACAACCAGGTGTGGCTGGA
CTCCTTTTGTGTTTTATAGAACAGGGTCACATTGACTCTAAGTGGATGGGAGTGTGGAGGATCCTATGCA
GGCTGTAGGACCCTGCGCTTGAACCTCCTGCCTGCCTCCAGCTTATTGCTTGAATATGGGGTGGAGTGG
TGATAGGAAAGGTTGGGGAAGTTTTCTGTGTAATAAAAGGCATCTTTTCTTCTAAAAAAAAAAAAAAAA
AA

Restriction Sites: RsrII-NotI

ACCN: NM_011634

Insert Size: 1413 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: [BC017374](#), [AAH17374](#)

RefSeq Size: 2024 bp

RefSeq ORF: 1413 bp

Locus ID: 22036

UniProt ID: [Q8VIG6](#)

Cytogenetics: 9 59.07 cM

Gene Summary: E3 ubiquitin ligase acting as a negative regulator of innate immune signaling. Inhibits activation of NF-kappa-B mediated by TNF. Negatively regulates TLR3/4- and RIG-I-mediated IRF3 activation and subsequent IFNB1 production and cellular antiviral response by promoting 'Lys-48'-linked polyubiquitination of TNK1 leading to its proteasomal degradation (By similarity) (PubMed:17544371, PubMed:22945920). Involved in response to genotoxic lesions during genome replication. Promotes H2AX and RPA2 phosphorylation after replication-associated DNA damage and assists fork progression at UV-induced replication-blocking lesions during S phase. Might also play a role in promoting translesion synthesis by mediating the assembly of 'Lys-63'-linked poly-ubiquitin chains on the Y-family polymerase POLN in order to facilitate bypass of DNA lesions and preserve genomic integrity. The function in translesion synthesis is controversial (By similarity).[UniProtKB/Swiss-Prot Function]