

Product datasheet for **RR211046**

Traip (NM_001109004) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traip (NM_001109004) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Traip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211046 representing NM_001109004
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTATCCGCGCGCTGTGCACTATCTGCTCCGATTCTTCGATCACTCCCGTGACGTGGCTGCCATCC
 ACTGTGGCCACACTTTTCATCTGCAATGCCTAATCCAGTGGTTTGAGACAGCACCAAGTCGGACCTGCC
 CCAGTGTAGAATCCAGGTTGGCAAAAAGACTATCATCAACAAGCTCTTTTTGACCTGCCAGGAAGAG
 GAGAGTGTCTGGATGCAGAATCTTAAAGAATGAACTGGACAGTATCAAGGCCAGCTCTCCAAAAAG
 ACAGGGAGAAACGGGACAGCCAGGCCATTATCGACTCTACGGGACACATTGGAGGAACGCAATGCCAC
 TGTGGAGTCCCTGCAGAACGCCTTAAACAAGGCAGAGATGCTGTGTTCCACCCTGAAAAACAGATGAAA
 TTCCTGGAGCAGCAGCGGATGAGACAAAACGCTCAGGAGGAGGCCGCCAACTCAAGAGCAAGATGA
 AAACCATGGAGCAAATTGAGTCTCTACTCCAGAGCCAGCGGTCTGAGGTAGAGGAGATGATCCGAGACAT
 GGGTGTGGGACAGTCAGCGGTGGAGCAGCTAGCTGTGACTGCATATCCCTCAAGAAAGAGTATGAGAAT
 CTGAAAGAAGCTCGGAAGGCCTCAGGGGAGCTGGCTGACAGGCTGAGGAAAGACTTGGCGTCTTCTAGGA
 GCAAGCTGAAGACTGTCAACACTGAGCTGGATCAGGCCAAGTTAGAAGTGAAGTCAAGCCAGAAGGACTT
 ACAGAGCGCTGACAAGGAGATCACGAGCCTAAGAAAGAAGCTAACGATCCTGCAGGGGACCTTGAGCCTG
 CCTCCAGTGACAGTGTGACTGTGAGCCGCTGGTTTTGAGAGCCAGCCCGTGGAAATGCTGAAGC
 CAAGGCTTACCAGACCACCTTCAGTGTGAGATTGATCTCAACGCTACCTTTGATGTAATACCCCTCC
 TGCCAGACCTCCAGCTCCAGCATTGCCACCCCAAGAAGCTCTGCTGGAGAGGGCAGCCTCTCCCATG
 CAGGACATCCTCAAGATACCCAAAGTCTCAAGTCGGAGTCCCAGCTCTCACTGGGTGGCCAGCGATGTG
 TAGGAGAGCCAGATGAGGAGCTGGCTGGTCCCTCCCTCTTTTCCGGAATGCTGTCCGGGGTCAGAA
 ACAGCCCAACAGGACCACAGCAGAATCCCGTTACAGCACAGATGTGGTAAGAATAGGCTTCGATGGGCTT
 GGAGGACGAACAAAATTCATCCAACCTACAGACCAACCATTATCCGACCAATGCCTGTTAAACCAAGG
 CCAAGAGTAAACAGAAAGTGAGAATAAAGACTGTGAATTCTGCCTCCAGCCCAAGCTGGATACCTTCTT
 ATGTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211046 representing NM_001109004
 Red=Cloning site Green=Tags(s)

MPIRALCTICSDFFDHSRDVAAIHCGHTEFHLQCLIQWFETAPSRTCPCQRIQVGGKTIINKLFFDLAQEE
 ESVLDAEFLKNELDSIKAQLSQKDREKRDQAIIDTLRDTLEERNATVESLQNALNKAEMLCSTLKKQMK
 FLEQQRDETKHAQEEARQLKSKMKTMEQIELELLQSQRSEVEEMIRDMGVGQSAVEQLAVYCISLKKKEYEN
 LKEARKASGELADRLRKDLASSRSKLTVNTELDQAKLELRSQKDLQSADKEITSLRKKLTILQGTLSL
 PPVTSETVSRLVFESPAPVEMLKPRHRPPF SDEIDLNATFDVNTPPAQTSSSQHCHPKKLCLEERASPM
 QDILKIPKVSSESQSLGGQRCVGEPEELAGAFPLFIRNAVRGQKQPNRTTAAESRYSTDVVRIGFDGL
 GGRTKFIQPTDPTIIRPMPVKPKAKSKQKVRIKTVNSASQPKLDTFLCQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

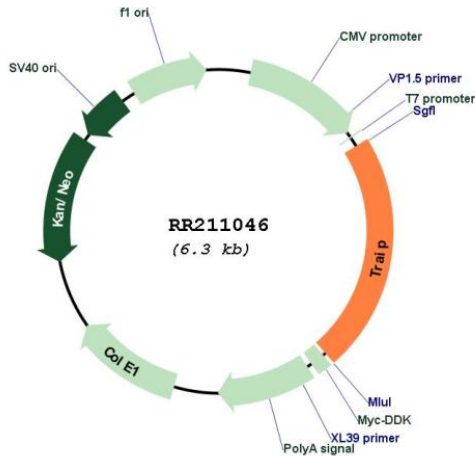
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109004

ORF Size: 1407 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_001109004.2](#), [NP_001102474.1](#)

RefSeq Size: 1930 bp

RefSeq ORF: 1410 bp

Locus ID: 367167

Cytogenetics: 8q32

MW: 53 kDa