

## Product datasheet for **RR206826**

### Traf3ip3 (NM\_001014132) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Traf3ip3 (NM_001014132) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Traf3ip3
Synonyms:	RGD1304848
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR206826 representing NM\_001014132  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATCGGCTCAAACCTCAGGTCCTTCCTAGCTTGGCTCGGTGGCCGAGAGCTATGAGGCCAAGTGTG  
 AGCGGCGTCAGGAGGCCGAGAAAAGCCTCCGCCGCCGCAATGAGACCACCTGCCGCCAGCCAGGGAA  
 GGTGCTGCGGACTCAACACAAGGAACACCTTCAGCGAGCTCGGCAGCTACAGTTCCTCAGAAGGAGAAAAC  
 CTGGAAGAAGAGAAGAAAGGTCAATCCAGGGAGCAAAGGCCCTCCAGCAAGACAGATGGAGGAACAGGCC  
 AAGTGTCTATCCTCAAGAAGTCCGGGCTGGAGCCAACAGGACCTCTTCCCTGGACAGCAGGAAACAGG  
 GATATGCTCCGAGGTTTTCCAGCCTTGTGTATCCCCCTCAGGCATCCAGAGAGATCTGGATGACCAC  
 CATGTTTCCCATGGAAGAGCCTTCCACCACAGGACTCTGACACCATGAAGCCACACAGACACCACCAGG  
 GTACTCAGACAAAGGCAGAAGAGGCATGGCCAACAAGAAAGAATGATGCCAGTCAGCAAACCACTGTGG  
 AGTTGCCGTCCTAGACAAGGACATCATTCAACTCTCTGAATACCTCAAAGAAGCCTTACAAGGGAGCTG  
 ATCCTAAAAACAAAAATGGTGATTCTCCAGGACCTCCTGCCTGCCTGATCCGGGCTCTGACAGCTCTT  
 GGAAGGGACAGCTTAATGAAGACAACTGAAGGGCAAATAAGATCCCTAGAAAACAGCTCTACACCTG  
 CCTGCAGAAACTCCCCCTGGGGGATGAAAAGTACTGCTGGACATGGAGAACCAGAGGAGCAGTTAC  
 GAGCAGAAGGCTAAGGCATCACTGCAGAAAGTGTGGAGGAGAAAATGTGTGCCGAGCAGCAACTGCAGA  
 GGGCGCAGCTGTCCCTGGCTGTGGCAGAGCAGAAGTGTGAGGAGTGAAGAGTCACTACGAGGCTCTTAA  
 GGAGGACTGGAGGACCTAGGGGACCAGCACAGGAGCTGGAGAGCCAACCTGCATGTGCTCAGTCTAAA  
 CTACAGGGAGCAGACAGCAGAGACTCACAGATGAGCCAGGCCCTACGACTTTTAGAAAATGAACACCAGG  
 AGCTGCAGACAAAACCTCGAGAGCCTGCAGGGAGACCAGAGCAGCAGAGCTCTGAAAACCCAGGACCTACA  
 AGATCAACTAAAGAAGTCCGAGGAGGAGAGACAAGCCCTGATGAGCAGAGTTCAACAGCTACAGAGTCTG  
 CTTCAGAATCAATCCTTACAACCTCGAGAACAGGAGAAGCTCTTAAAGAAAGATCAGGGTTTGCCTGTG  
 GGAATCCAAAGCTCTCCTTTGATGAAGTGAAGCCTGAGGGTACAGGAAAGGAGAAAGTTCGAGGAGCTCAG  
 AGACCAACTACAAAAGGAGACATATCAGCTCCAGGCCAAGGAAAAGGAGCGGCAGTGTAGCCAATGGCTC  
 CCAGCGCTGGTGGTGGTATTGCTACAGCACTGGCCGTGTTCTGGCAAACAAAGGCAACCTGGTCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR206826 representing NM\_001014132  
 Red=Cloning site Green=Tags(s)

MIGSNSRSFPLARWAESYEAKCERRQEAARESLRRRRNETTCRQPGKVLRTQHKEHLQRRARQLQFLRRRN  
 LEEEEKGQSREQRPSKTDGGTGQVSILKKSFGANRTSFPQQETGICSEVFPALCHPPSGIQRDLDDH  
 HVSHGRAFPQSDTMKPHRHHGTQTKAEEAWPTRKNDASQQTNCGVAVLDKDIIQLSEYLKEALQREL  
 ILKQKMWILQDLLPALIRASDSSWKQLNEDKLGKLRLENQLYTCLQKHSPWGMKKVLLDMENQRSSY  
 EQKAKASLQKVLEEKMCAEQQLQRAQLSLAVAEQKQEWKSYEALKEDWRTLGDQHRELESQHLVLSK  
 LQGADSRDSQMSQALRLLENEHQELQTKLESLQGDREQQSSETQDLQDQLKSEERQALMSRVQQLQSL  
 LQNQSLQLREQEKLKQDQGLPVVWPKLSFDEVKPEGTGKEKVEELRDQLQKETYQLQAKEKERQCSQWL  
 PALVVVIATALAVFLANKGNLVI

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001014132

**ORF Size:** 1539 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\\_001014132.1](#), [NP\\_001014154.1](#)

**RefSeq Size:** 1888 bp

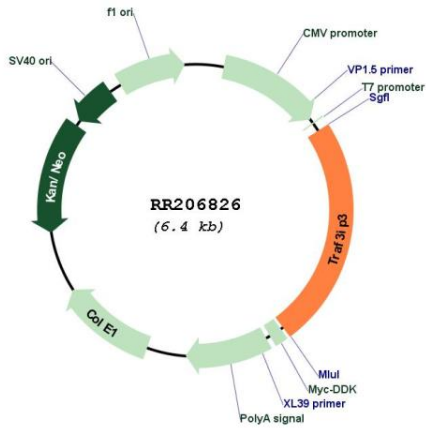
**RefSeq ORF:** 1542 bp

**Locus ID:** 360900

**Cytogenetics:** 13q27

**MW:** 59.1 kDa

Product images:



Circular map for RR206826