

Product datasheet for **RR212395**

Trib3 (NM_144755) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trib3 (NM_144755) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Trib3
Synonyms: NIPK
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212395 representing NM_144755
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCGAGCCACATCTCTGGCTGCTTCTGCCGATGTTCCCTGCAGGAAGAAACCGTTGGAGTTTGATGACA
ACATTGATGTCGAGTGTCCAGTCTTAAAACGAGTGAGAGATGAGCCTGAGCCTGGACCAACCCCCAGCCT
ACCTCCCGCCTCAGACTTGTACCTGCTGTGGCCCTGCAACCCGGCTGGGGCCCTATATCCTTTTGAA
CGAGAGCAAGGCAACTGCACCTATCGGGCCCTGCACTGCCCCACAGGCACAGGTACACCTGCAAGGTGT
ATCCCCGACGAGGCCAGGCCGGTGTGGCACCCTATGCAAGACTGCCTACCCACCAGCACGTGGCCCCG
TCCACAGAGGTCTGTGGGCTCTCAGCTCCTATACACCTTTTTACGAAGACCCATGGGGACTTGAC
AGTCTGGTGCCGACGCCGCGGTATCCCCGAGCCGAGGCTGCCGCGCTTTCCGACAGATGGCTAGTG
CGGTGGCACACTGCCACAAGCACGGGCTCATCTTGCAGCCTCAAGTTGCGTCGATTTGTCTTCAGCAA
CTGTGAGAGGACGAAGTTGGTGTGGAGAACCCTGGAGGATGCCTGTGTGATGACTGGACCAGACGACTCT
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GCAGAGCGGCTGATGTCTGGAGCCTGGGCGTGGCGCTTTCACCATGCTGGCTGGCCGATACCCGTTCCA
GGACTCTGAACCAAGCCCTGCTCTTTGGCAAGATCCGTAGAGGGACCTTTGCCCTGCCTGAGGGCCATCA
GCCTCTGCTCGATGCCTCATCCGCTGTCTCCTCCGAGGAGCCTTCAGAGCGACTTGTGGCCCTGGGAA
TCCTGCTACATCCCTGGTTGAGGGAGGATTGCAGCCAAGTCTCTCCTCCACGGTCTGACCGAAGGGAGAT
GGACCAGGTTGTCCAGATGGGCCACAGCTGGAGGAGGAGGAGGAAGGGGAGGTGGGGCTGTATGGC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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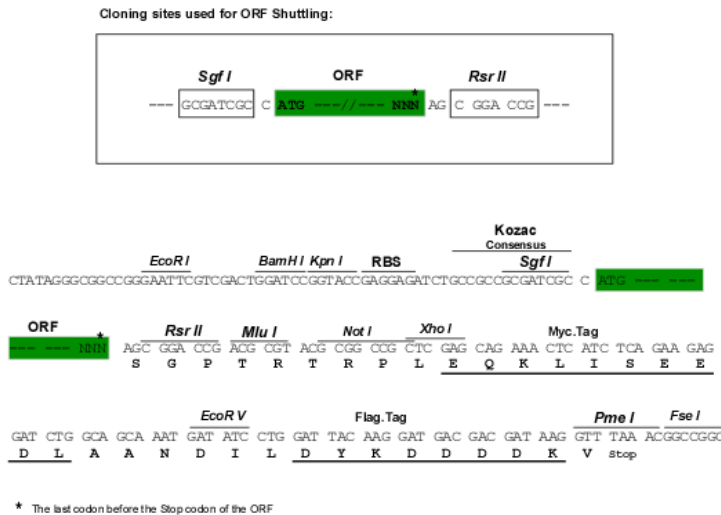
Protein Sequence: >RR212395 representing NM_144755
 Red=Cloning site Green=Tags(s)

MRATSLAASADVPCRKKPLEFDDNIDVECPVLKRVRDEPEPGTPSLPPASDLSPAVAPATRLGPYILLE
 REQNCNTRYALHCPTGTEYTCVKYPASEAQAVLAPYARLP HQHVARPTEVLLGSQLLYTFFTKTHGDLH
 SLVRSRRGIPEPEAAAALFRQMASAVAHCHKHGLILRDLKLRRFVFSNCERTKLVLENLEDACVMTGPDDS
 LWDKHACPAYVGP EILSSRPSYSGRAADVWSLGVALFTMLAGRYPFQDSEPALLFGKIRRGTFFALPEGLS
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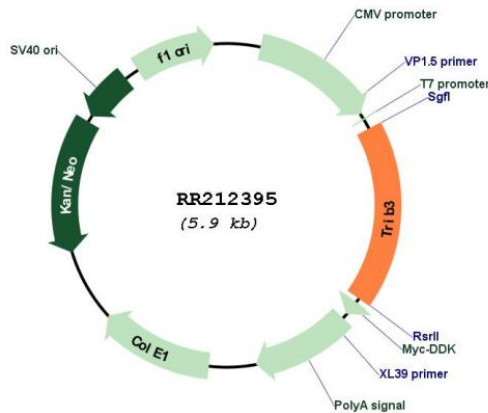
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_144755

ORF Size: 1047 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:	<ol style="list-style-type: none">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_144755.2 , NP_653356.1
RefSeq Size:	1433 bp
RefSeq ORF:	1050 bp
Locus ID:	246273
UniProt ID:	Q9WTQ6
Cytogenetics:	3q41
MW:	38.6 kDa
Gene Summary:	putative kinase; expression upregulated by NGF-depletion induced programmed cell death [RGD, Feb 2006]