

Product datasheet for **RR200673**

C14orf166 (Rtraf) (NM_001047874) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf166 (Rtraf) (NM_001047874) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rtraf
Synonyms:	LRRGT00192; RGD1304704
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200673 representing NM_001047874 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCCGACGCAAGCTCAGGCCCTGGATTACCACAACCCACAGGCTTCAACTGCAAAGCCCGCCTGA
ACCAGGACCCAAACACGGCGCCGCTGCCGGCGGCTTCGGCAGCTTCCCGGCCCGAGGCGGCTCAG
CGGGCACCTGCTGGGGCAGCAGGATGAAACAGAGTTTAGAACTTATCGTTTGGCTTGAAGACCAGAAG
ATCAGACACTACAAGATTGAAGACAGAGGTAACCTTGAGAAACATCCACAGCAGTACTGGCCCAAGTTCT
TTGAAAAGTATCTCAGAGATGTTAACTGTCCTTCAAGATCCAGGACCGCAAGAAGCCATTGACTGGCT
CCTTGGCTTAGCTGTTAGGCTTGAATATGGAGACAACGCTATTGATGTTCTTCTGTTATCGGAAGCTTTT
GAATTTGGTGCCCGTGGAAAAGCTGAAAAGTACAAGGACTCAGTGCTGACAACAGGAAAAACGCTGACA
ACGCAGCTAAAACTCGGAGCCATTGATCAACCTGGACGTAACAATCCTGATTTAAGGCGGTGTCAT
GGCTCTGGCTAACCTCCTTCAGATTCAGCGTCACGATGACTACTGGTAATGCTGAAGGCAATTCGAATT
TTGGTTCAGGAACGGCTAACACAGGATGCAGTTGCTAAAGCAAATCAAATGAAAGAGGGCTTACCTGTTG
CTTTAGACAAACATATTCTTGGCTTTGACACAGGCGATGCAGTTCTTAATGAAGCTGCTCAGATCCTGCG
GTTGCTACACATAGAAGAGCTCAGAGAGCTACAGACGAAAATTAATGAAGCCATAGTAGCCGTTACAGGCC
ATCATTGCTGATCCAAAGACAGACCACAGACTGGGAAAAGTTGGGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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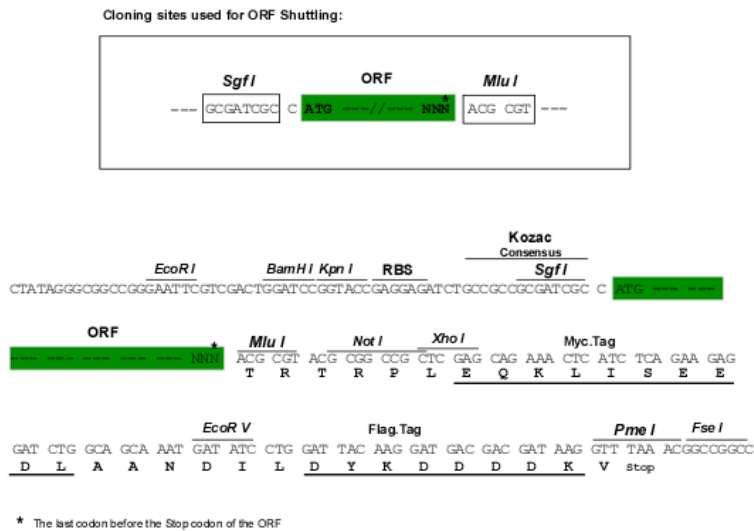
Protein Sequence: >RR200673 representing NM_001047874
 Red=Cloning site Green=Tags(s)

MFRRKLTALDYHNPTGFNCKARLNQDPNTAAAARRRSARFPAPRRLSGHLLGQQDETEFRNFIVWLEDQK
 IRHYKIEDRGNLRNIIHSSDWPKF FEKYL RDVNC PFKI QDRQEAIDWLLGLAVRLEYGDNAIDVLLSEAF
 EFGARGKAEEKYKDSVDPNRKNADNAAKNSEPLINLDVNNPDFKAGVMALANLLQIQRHDDYLVMKAIIRI
 LVQERLTQDAVAKANQMKEGLPVALDKHILGFDTGDAVLNAAQILRLLHIEELRELQTKINEAIVAVQA
 I IADPKTDHRLGKVG R

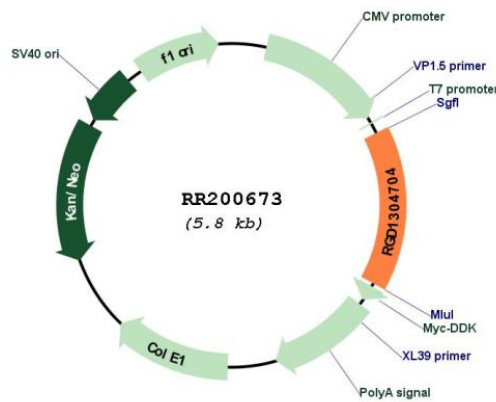
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001047874

ORF Size: 888 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_001047874.1 , NP_001041339.1
RefSeq Size:	891 bp
RefSeq ORF:	891 bp
Locus ID:	302247
Cytogenetics:	15p16
MW:	33.8 kDa