

Product datasheet for **RR204387**

Etv4 (NM_001108299) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv4 (NM_001108299) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Etv4
Synonyms:	Pea3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR204387 representing NM_001108299
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGGAGGATGAAAGGCGGATACTTGGACCAGCGAGTGCCTACACCTTCTGCAGCAAATCTCCCG
 GAAATGGGAGCTTGGGCGAAGCGCTGATGGTCCCGCAGGGGAAGCTCATGGACCCGGTTCCCTGCCGCC
 TTCCGATTGAGAAGATCTCTCCAGGATCTCAGTCACTTCCAAGAGACGTGGCTCGCTGAAGCTCAGGTA
 CCGGACAGTGTGAGCAGTTTGTCTGATTTCCATTAGAAAATTAGCTTTCCATAGCCCCACCACCA
 GGATCAAGAAGGAACCCAGAGTCCCGCACAGACCCCGCCTGTCTGCAGCAGGAAGCCGCCACTCTC
 CTACCACCATGGAGAGCAGTGTCTTTACTCCAGTGCCTATGACTCCCCAGACAAATCGCCATCAAGTCC
 CCCGCCCGGAGCCCTGGACAGTCCGCCCTGCAGCCCTTTCCAGGGCAGAACCACAGCAGAGTCTCC
 TGAGAGCCTCCAGCTCTCCAGTCCCACCTGGCCACGGGTACCTTGGTGAACAGCTCCGTCTTCCA
 GCAGCCCGTGGACATGTGCCATGCCTTACATCTCCTCAGGGAGGGGGCCGGGAACCTCTCCAGCCCC
 TATCAACACCAACTATCGGAGCCCTGCCACCCTACCCAGCAGAGCTTCAAGCAGGAGTACCATGACC
 CCCTGTATGAACAGGCTGGCCAGCCAGCTGCGAGCCAGGGTGGGGTCAGTGGGCACAGGTACCCAGGGG
 GGGGTGGTGATCAAACAGGAGCGCACAGACTTCGCTACGACTCAGATGTCCCTGGATGTGCATCAATG
 TATCTTACCCAGAGGGCTTCTCTGCACCCTTTCAGGTGATGGAGTGTGGTTATGGCTATGAGAAAT
 CTCTTCGACCATTCAGATGATGTCTGCATTGTCCCTGAGAAATTCGAAGGAGACATCAAACAGGAAGG
 GGTTGGAGCTTCCGGGAGGGGCCACCTACCAGCGCCGGGTGCCTTACAAGTGGCAGTTTCTGGTG
 GCCCTGCTGGATGACCAACGAATGCTCACTTCACTTGTGGTGGACAGGCCGGGAATGGAGTTAACTAA
 TTGAAGCTGAAGAGGTCGCCAGGCTCTGGGGCATCCAGAAGAACCAGCCATGAATTATGACAAGT
 GAGCCGCTCACTGCGATACTATTATGAGAAAGGCATCATGCAGAAGGTGGCTGGTGAACGCTACGTGTAC
 AAGTTTGTGTGTGAGCCAGAGCCCTATTTTCTCTGGCCTTCCAGATAATCATCGTCCAGCTCTGAAGG
 CTGAGTTTGAACGGCCAGTCACTGAGGAGGACACGGTCCCTTTGTCCACTTGGATGAGAGCCCTGCCTA
 CCTCCAGAACTTGTGGCCCTGCTCAGCCCTTTGGCCACAAAGGCGGATATTCTTACCCTCCAGAACT
 TGCTGGCCCTGCTCAGCCCTTTGGCCACAAAGGCGGATATTCTTAC

**ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

>RR204387 representing NM_001108299
 Red=Cloning site Green=Tags(s)

MERRMKGGLDQRPVYTFCSKSPGNLSLGEALMVPQGLMDPGSLPPSDEDLFQDLSHFQETWLAEAQV
 PDSDEQFVPDFHSENLAHSPTRIKKEPQSPRTDPALSCSRKPPLSYHHGEQCLYSSAYDSPRQIAIKS
 PAPGAPGQSPQPFRAEPQQLLRASSSSQSHPGHYLGEHSSVFQQPVMCHAFTSPQGGREPLPAP
 YQHQLSEPCPPYPQSFQYHDPLYEQAGQPAASQGGVSGHRYPGAGVVIKQERTDFAYDSDVPGCASM
 YLHPEGFSAVSSGDGVMGYEYKSLRPFDDVCI VPEKFEQDIKQEGVGFREGPPYQRRGALQLWQFLV
 ALLDDPTNAHFIAWTGRGMEFKLIEPEEVARLWGIQKNRPAMNYDKLSRSLRYEYKGIQKQVAGERYVY
 KRVCEPEALFSLAFDNHRPALKAEDRPVSEEDTVPLSHLDESPAYLPELAGPAQPFQGHKGGYSYPPRT
 CWPCALWPPRRIFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001108299

ORF Size: 1458 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 Size: 2329 bp

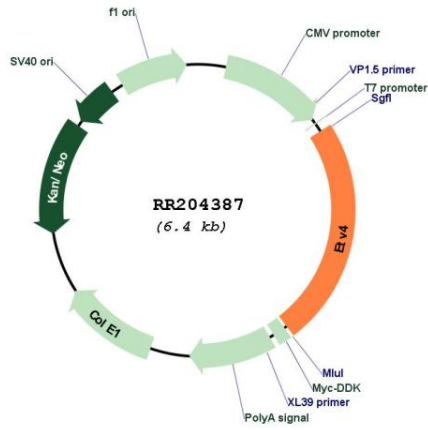
RefSeq ORF: 1461 bp

Locus ID: 360635

Cytogenetics: 10q32.1

MW: 54 kDa

Product images:



Circular map for RR204387