

Product datasheet for **RC236567**

Pea3 (ETV4) (NM_001261439) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pea3 (ETV4) (NM_001261439) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ETV4
Synonyms: E1A-F; E1AF; PEA3; PEAS3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236567 representing NM_001261439
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACCTCCACACAGAGGGCTTCTCTGGGCCCTCTCCAGGTGACGGGGCCATGGGCTATGGCTATGAGA
AACCTCTGCGACCATTCCAGATGATGTCTGCGTTGTCCCTGAGAAATTTGAAGGAGACATCAAGCAGGA
AGGGTTCGGTGCATTTTCAGAGGGGCGCCCTACCAGCGCGGGGTGCCCTGCAGCTGTGGCAATTTCTG
GTGGCCTTGCTGGATGACCCAACAAATGCCATTTTCATTGCTGGACGGGCGGGGAATGGAGTTCAAGC
TCATTGAGCCTGAGGAGGTGCGCCAGGCTCTGGGCATCCAGAAGAACCGGCCAGCCATGAATTACGACAA
GCTGAGCCGCTCGCTCCGATACTATTATGAGAAAGGCATCATGCAGAAGGTGGCTGGTGAGCGTTACGTG
TACAAGTTTGTGTGTGAGCCCGAGGCCCTTCTCTTTGGCCTTCCCGACAATCAGCGTCCAGCTCTCA
AGGCTGAGTTTGACCGCCTGTCAGTGAGGAGGACACAGTCCCTTTGTCCCACTTGGATGAGAGCCCCG
CTACCTCCAGAGCTGGCTGGCCCCGCCAGCCATTTGGCCCCAAGGTGGCTACTCTTAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236567 representing NM_001261439
Red=Cloning site Green=Tags(s)

MYLHTEGFSGPSPGDGAMGYGYEKPLRPFDDVCVPEKFEQDIKQEVGAFREGPPYQRRGALQLWQFL
VALLDDPTNAHFIAWTGRGMEFKLIEPEEVARLWGIQKNRPAMNYDKLSRSLRYEYKIGIMQVAGERYV
YKFVCEPEALFSLAFPDNQRPALKAEDRPVSEEDTVPLSHLDESPAYLPELAGPAQPFQPKGGYSY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

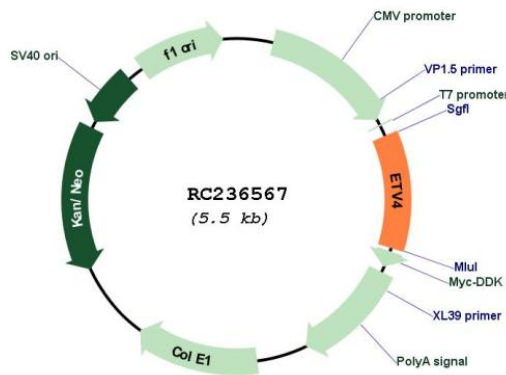
Restriction Sites: Sgfl-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_001261439

ORF Size: 621 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_001261439.3](#)

RefSeq Size: 1613 bp

RefSeq ORF: 624 bp

Locus ID: 2118

UniProt ID: [P43268](#)

Cytogenetics: 17q21.31

Protein Families: Druggable Genome, Transcription Factors

MW: 23.9 kDa

Gene Summary: Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'.[\[UniProtKB/Swiss-Prot Function\]](#)