

Product datasheet for **RG236567**

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: TurboGFP
Symbol: Pea3
Synonyms: E1A-F; E1AF; PEA3; PEAS3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236567 representing NM_001261439.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTACCTCCACACAGAGGGCTTCTCTGGGCCCTCTCCAGGTGACGGGGCCATGGGCTATGGCTATGAG
AAACCTCTGCGACCATTCCAGATGATGTCTGCGTTGTCCTGAGAAATTTGAAGGAGACATCAAGCAG
GAAGGGTTCGGTGCATTTGAGAGGGGCCGCCCTACCAGCGCCGGGTGCCCTGCAGCTGTGGCAATTT
CTGGTGGCCTTGCTGGATGACCAACAAATGCCATTTTCATTGCCTGGACGGGCCGGGAATGGAGTTC
AAGCTCATTGAGCCTGAGGAGTGCAGGCTCTGGGCATCCAGAAGAACCAGCCAGCCATGAATTAC
GACAAGCTGAGCCGCTCGCTCCGATACTATTATGAGAAAGGCATCATGCAGAAGGTGGCTGGTGAGCGT
TACGTGTACAAGTTTGTGTGTGAGCCCGAGGCCCTCTTCTCTTTGGCCTTCCCGACAATCAGCGTCCA
GCTCTCAAGGCTGAGTTTGACCGCCTGTGAGTGGAGGACACAGTCCCTTTGTCCCACTTGGATGAG
AGCCCCGCTACCTCCAGAGCTGGCTGGCCCCGCCAGCCATTTGGCCCCAAGGGTGGCTACTCTTAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

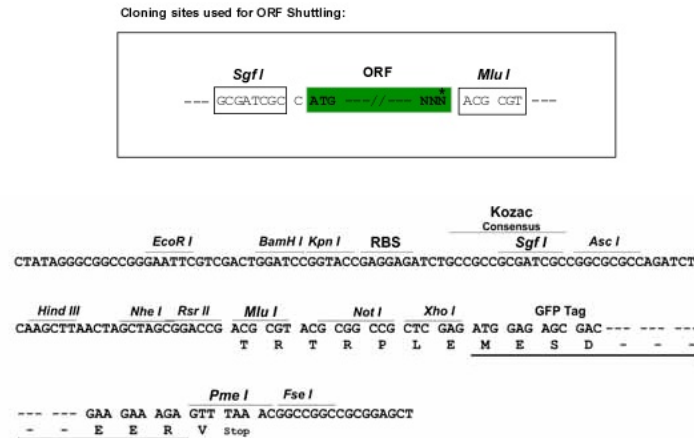
Protein Sequence: >Peptide sequence encoded by RG236567
Blue=ORF Red=Cloning site Green=Tag(s)

```
MYLHTEGFSGPSGDGAMGYGYEKPLRPFDDVCVPEKFEQDIKQEGVAFREGPPYQRRGALQLWQF
LVALLDDPTNAHFIAWTGRGMEFKLIEPEEVARLWGIQKNRPAMNYDKLSRSLRYEYKIMQKVAGER
YVYKVFCEPEALFSLAFDPNQRPAKAEFDRPVSEEDTVPLSHLDESPAYLPELAGPAQPFPGKGGYSY
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

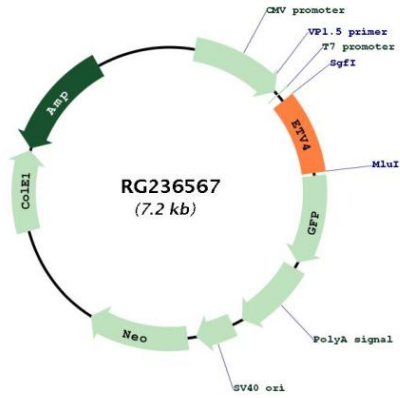


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Cloning Scheme:


- 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).
- 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]

Product images:



Circular map for RG236567