

Product datasheet for **RG202010**

Pea3 (ETV4) (NM_001079675) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pea3 (ETV4) (NM_001079675) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG202010 representing NM_001079675
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGAGGATGAAAGCCGATACTTGGACCAGCAAGTGCCTACACCTTCAGCAGCAAATCGCCCC
 GAAATGGGAGCTTGC CGAAGCGCTGATCGGCCGCTGGGGAAGCTCATGGACCCGGGCTCCCTGCCGCC
 CCTCGACTCTGAAGATCTCTCCAGGATCTAAGTCACTTCCAGGAGACGTGGCTCGCTGAAGCTCAGGTA
 CCAGACAGTGATGAGCAGTTTGTCTGATTTCCATTAGAAAACCTAGCTTTCCACAGCCCCACCACCA
 GGATCAAGAAGGAGCCCCAGAGTCCCCGCACAGACCCGGCCCTGTCTGCAGCAGGAAGCCGCCACTCCC
 CTACCACCATGGCGAGCAGTGCCTTTACTCCAGTGCCTATGACCCCCCAGACAAATCGCCATCAAGTCC
 CCTGCCCTGGTGCCTTGACAGTCGCCCTACAGCCCTTTCCCGGGCAGAGCAACGGAATTTCTGA
 GATCCTCTGGCACCTCCAGCCCCACCCTGGCCATGGGTACCTCGGGAACATAGCTCCGCTTCCAGCA
 GCCCTGGACATTTGCCACTCCTCACATCTCAGGGAGGGGGCCGGGAACCCCTCCAGCCCCCTACAA
 CACCAGCTGTCCGAGCCCTGCCACCCTATCCCCAGCAGAGCTTTAAGCAAGAATACCATGATCCCTGT
 ATGAACAGGCGGGCCAGCCAGCCGTGGACCAGGGTGGGGTCAATGGGCACAGGTACCCAGGGGCGGGGT
 GGTGATCAAACAGGAACAGACGGACTTCGCTACGACTCAGATGTACCAGGGTGCATCAATGTACCTC
 CACACAGAGGGCTTCTCTGGGCCCTCCAGGTGACGGGGCCATGGGCTATGGCTATGAGAACTCTGC
 GACCATCCCAGATGATGTCTGCGTTGTCCCTGAGAAATTTGAAGGAGACATCAAGCAGGAAGGGGTCGG
 TGCATTTGAGAGGGGCCGCCCTACCAGCGCCGGGTGCCCTGCAGCTGTGGCAATTTCTGGTGGCTTG
 CTGGATGACCCAACAATGCCCATTTTATTGCCCTGGACGGGCCGGGAATGGAGTTCAAGCTCATTGAGC
 CTGAGGAGTCCGAGGCTCTGGGCATCCAGAAGAACCAGCCAGCCATGAATTACGACAAGCTGAGCCG
 CTGCTCCGATACTATTATGAGAAAGGCATCATGCAGAAGGTGGCTGGTGGAGCGTTACGTGTACAAGTTT
 GTGTGTGAGCCCGAGGCCCTCTTCTTTGGCCTTCCCGACAATCAGCGTCCAGCTCTCAAGGCTGAGT
 TTGACCGGCTGTGAGTGGAGGACACAGTCCCTTTGCCACTTGGATGAGAGCCCCGCTACCTCCC
 AGAGCTGGCTGGCCCCGCCAGCCATTTGGCCCCAAGGGTGGCTACTCTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG202010 representing NM_001079675
 Red=Cloning site Green=Tags(s)

MERRMKAGYLDQQVYTFSSKSPGNGLREALIGPLGKLMDPGSLPPLDSEDLFQDL SHFQETWLAEAQV
 PDSDEQVVPDFHSENLA FHSPTRIKKEPQSPRTDPALSCSRKPLPYHHGEQCLYSSAYDPPRQIAIKS
 PAPGALGQSPLQPFPRAEQRNLRSSGTSQPHPGHYLGEHSSVFQQPLDICHSFTSQGGGREPLPAPYQ
 HQLSEPCPPYPQSFKQEYHDPLYEQAGQPAVDQGGVNGHRYPGAGVVIKQEQTDFAYSDVTCASMYL
 HTEGFSGPSGDGAMGYEYKPLRPFDDVCVPEKFEGDIKQEGVGA FREGPPYQRRGALQLWQFLVAL
 LDDPTNAHFIAWTGRGMEFKLIEPEEARLWGIQKNRPAMNYDKLSRSLRYYYEKGIMQKVAGERVYYKF
 VCEPEALFSLAFDPNQRPAKAEFDRPVSEEDTVPLSHLDESPAYLPELAGPAQPF GPKGGYSY

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001079675

ORF Size: 1452 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_001079675.5](#)

RefSeq Size: 2431 bp

RefSeq ORF: 1455 bp

Locus ID: 2118

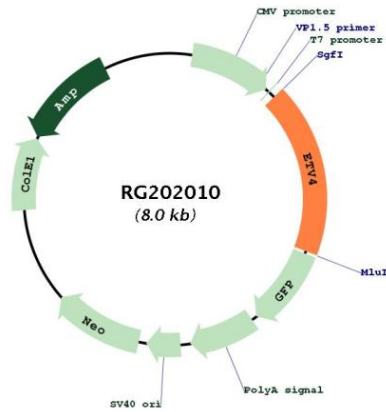
UniProt ID: [P43268](#)

Cytogenetics: 17q21.31

Protein Families: Druggable Genome, Transcription Factors

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 RG202010