

## Product datasheet for **SC322268**

### Pea3 (ETV4) (NM\_001079675) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pea3 (ETV4) (NM_001079675) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pea3
Synonyms:	E1A-F; E1AF; PEA3; PEAS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322268  
 GCCCGGCTCCTGGGAGCAGGTCTCGGCCCGCTTGGGGCCCGGCGTGC GGCCGGAGG  
 GAGCGGCCGATGGAGCGGAGGATGAAAGCCGGATACTTGGACCAGCAAGTGCCCTACAC  
 CTTCAGCAGAAATCGCCCGAAATGGGAGCTTGC GCGAAGCGCTGATCGGCCCGCTGGG  
 GAAGCTCATGGACCCGGGCTCCCTGCCGCCCTCGACTCTGAAGATCTCTTCCAGGATCT  
 AAGTCACCTCCAGGAGACGTGGCTCGCTGAAGCTCAGGTACCAGACAGTGATGAGCAGTT  
 TGTTCTGATTTCCATTAGAAAACCTAGCTTTCCACAGCCCCACCACCAGGATCAAGAA  
 GGAGCCCCAGAGTCCCCGCACAGACCCGCGCCTGTCTGCAGCAGGAAGCCGCCACTCCC  
 CTACCACCATGGCGAGCAGTGCCTTTACTCCAGTGCCTATGACCCCCCAGACAAATCGC  
 CATCAAGTCCCCTGCCCTGGTGCCTTGGACAGTCGCCCTACAGCCCTTTCCCGGGC  
 AGAGCAACGGAATTTCTGAGATCCTCTGGCACCTCCCAGCCCCACCCTGGCCATGGGTA  
 CCTCGGGAACATAGCTCCGTCTTCCAGCAGCCCTGGACATTTGCCACTCCTTACATC  
 TCAGGGAGGGGGCCGGAACCCCTCCAGCCCCCTACCAACACCAGCTGTCGGAGCCCTG  
 CCCACCCTATCCCAGCAGAGCTTAAAGCAAGAATACCATGATCCCCTGTATGAACAGGC  
 GGGCCAGCCAGCGTGGACCAGGGTGGGGTCAATGGGCACAGGTACCCAGGGGCGGGGT  
 GGTGATCAAACAGGAACAGACGGACTTCGCCTACGACTCAGATGTCACCGGGTGC GCATC  
 AATGTACCTCCACACAGAGGGCTTCTCTGGGCCCTCTCCAGGTGACGGGGCCATGGGCTA  
 TGGCTATGAGAAACCTCTGCGACCATTCCCAGATGATGTCTGCGTTGTCCCTGAGAAATT  
 TGAAGGAGACATCAAGCAGGAAGGGTCCGTGCATTTTCGAGAGGGGCCGCCCTACCAGCG  
 CCGGGTGCCTCGAGCTGTGGCAATTTCTGGTGGCCTTGTGGATGACCAACAATGC  
 CCATTTTCATTGCCTGGACGGGCCGGGAATGGAGTTCAAGCTCATTGAGCCTGAGGAGGT  
 CGCCAGGCTCTGGGCATCCAGAAGAACCGGCCAGCCATGAATTACGACAAGCTGAGCCG  
 CTCGCTCCGATACTATTATGAGAAAGGCATCATGCAGAAGTGGCTGGTGAGCGTTACGT  
 GTACAAGTTTGTGTGAGCCCGAGGCCCTCTTCTCTTTGGCCTTCCCGACAATCAGCG  
 TCCAGCTCTCAAGGCTGAGTTTGACCGCCTGTCAGTGAGGAGGACACAGTCCCTTTGTC  
 CCACTTGGATGAGAGCCCCGCTACCTCCCAGAGCTGGCTGGCCCCGCCAGCCATTTGG  
 CCCCAGGGTGGCTACTTACTAGCCCCAGCGGCTGTTCCCCCTGCCGAGGTGGGTG  
 CTGCCCTGTGTACATATAAATGAATCTGGTGTGGGAAACCTTCATCTGAAACCCACAG  
 ATGTCTCTGGGCAGATCCCCTGTCTACCAGTTGCCCTAGCCCAGACTCTGAGCTGC  
 TCACCGGAGTCATTGGGAAGGAAAAGTGGAGAAATGGCAAGTCTAGAGTCTCAGAAACTC  
 CCCTGGGGTTTTACCTGGGCCCTGGAGGAATTCAGCTCAGCTTCTTCTAGGTCCAAGC  
 CCCCCACACCTTTTCCCCAACACAGAGAACAAGAGTTTGTCTGTTCTGGGGACAGAG  
 AAGGCGCTTCCCAACTTCATACTGGCAGGAGGGTGAAGGAGTTCACTGAGCTCCCAGAT  
 CTCCCCTGCGGGGAGACAGAAGCCTGGACTCTGCCCCACGCTGTGGCCCTGGAGGGTAC  
 CGGTTTGTGAGTTCTTGGTGTCTGTGTTCCCAGAGGCAGGCGGAGGTTGAAGAAAGGAA  
 CCTGGGATGAGGGGTGCTGGGTATAAGCAGAGAGGGATGGGTTCTGCTCCAAGGGACCC  
 TTTGCCTTTCTTCTGCCCTTTCTAGGCCAGGCCTGGGTTTGTACTTCCACCTCCACCA  
 CATCTGCCAGACCTTAATAAAGGCCCCCACTTCTCCAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001079675

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001079675.1</a></u> , <u><a href="#">NP_001073143.1</a></u>
<b>RefSeq Size:</b>	2431 bp
<b>RefSeq ORF:</b>	1455 bp
<b>Locus ID:</b>	2118
<b>UniProt ID:</b>	<u><a href="#">P43268</a></u>
<b>Cytogenetics:</b>	17q21.31
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	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] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (1).