

Product datasheet for **SC334461**

Pea3 (ETV4) (NM_001261439) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pea3 (ETV4) (NM_001261439) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pea3
Synonyms:	E1A-F; E1AF; PEA3; PEAS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001261439, the custom clone sequence may differ by one or more nucleotides

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ATGTACCTCCACACAGAGGGCTTCTCTGGGCCCTCTCCAGGTGACGGGGCCATGGGCTATGGCTATGAGA
AACCTCTGCGACCATTCCAGATGATGTCTGCGTTGTCCCTGAGAAATTTGAAGGAGACATCAAGCAGGA
AGGGGTGCGGTGCATTTTCGAGAGGGGCCGCCCTACCAGCGCGGGGTGCCCTGCAGCTGTGGCAATTTCTG
GTGGCCTTGCTGGATGACCCAACAAATGCCATTTTCATTGCGTGGACGGGCGGGGAATGGAGTTCAAGC
TCATTGAGCCTGAGGAGGTGCGCCAGGCTCTGGGGCATCCAGAAGAACCGCCAGCCATGAATTACGACAA
GCTGAGCCGCTCGCTCCGATACTATTATGAGAAAGGCATCATGCAGAAGGTGGCTGGTGAGCGTTACGTG
TACAAGTTTGTGTGTGAGCCCGAGGCCCTTTCTTTGGCCTTCCCGACAATCAGCGTCCAGCTCTCA
AGGCTGAGTTTGACCGGCTGTGAGTGAGGAGGACACAGTCCCTTTGTCCCACTTGGATGAGAGCCCGC
CTACCTCCAGAGCTGGCTGGCCCCGCCAGCCATTTGGCCCCAAGGGTGGCTACTCTTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001261439
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).
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).



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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_001261439.1](#), [NP_001248368.1](#)

RefSeq Size: 1613 bp

RefSeq ORF: 624 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]
Transcript Variant: This variant (5) differs in the 5' UTR, lacks a large portion of the 5' coding region and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus compared to isoform 1.