

Product datasheet for **SC212583**

EP300 (NM_001429) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EP300 (NM_001429) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EP300
Synonyms: KAT3B; MKHK2; p300; RSTS2
ACCN: NM_001429
Insert Size: 1151 bp
Insert Sequence: >SC212583 3'UTR clone of NM_001429

The sequence shown below is from the reference sequence of NM_001429. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTCACAGAGTACACTAGACATACACTAGAGACACCTTGTAGTATTTGGGAGCAAAAAATTATTTT
CTCTTAACAAGACTTTTGTACTGAAAACAATTTTTTTGAATCTTTCGTAGCCTAAAAGACAATTTTCC
TTGGAACACATAAGAAGTGTGCAGTAGCCGTTTGTGGTTTAAAGCAAACATGCAAGATGAACCTGAGGG
ATGATAGAATACAAAGAATATATTTTTTGTATGGCTGGTTACCACCAGCCTTTCTCCCCTTTGTGTGT
GTGGTTCAAGTGTGCACTGGGAGGAGGCTGAGGCCTGTGAAGCCAAACAATATGCTCCTGCCTGCACC
TCCAATAGGTTTTATTATTTTTTTAAATTAATGAACATATGTAATTAATAGTTATTATTTACTGGT
GCAGATGGTTGACATTTTCCCTATTTTCTCACTTTATGGAAGAGTTAAAACATTTCTAAACCAGAGG
ACAAAAGGGGTTAATGTTACTTTAAAATTACATTCTATATATATAAAATATATAAAATATATATTTAA
AATACCAGTTTTTTTCTCTGGGTGCAAAGATGTTCAATCTTTTAAAAAATGTTTAAAAAAAAAAAAAA
ACTGCCTTTCTCCCCTCAAGTCAACTTTTGTGCTCCAGAAAATTTTCTATTCTGTAAGTCTGAGCGTA
AAACTTCAAGTATTAATAAATTTGTACATGTAGAGAGAAAAATGACTTTTTCAAAAATATACAGGGGC
AGCTGCCAAATTGATGATTATATATTGTGGTTTCTGTTTCTTGAAGAATTTTTTTCGTTATTTTTTAC
ATCTAACAAAGTAAAAAATTAAGAGGGTAAGAAACGATTCCGGTGGGATGATTTTAAACATGCAAAA
ATGTCCCTGGGGTTTCTCTTTGCTTGTCTTCTCCTCCTTACCCTACCCCACTCACACACACACA
CACACACACACACACACACACACACTTCTATAAACTGAAAAATAGCAAAAACCTCAACTG
TTGTAATCATGCAATTAAGTTGATTACTTATAAATATGAACTTGGATCACTGTATAGACTGTTAAA
TTTGATTTCTTATTACCTATTGTTAAATAAACTGTGTGAGACAGACA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001429.4
Summary:	This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer. [provided by RefSeq, Jul 2008]
Locus ID:	2033
MW:	45.1