

Histone acetyltransferase p300 (Ep300) Recombinant Protein | Ep300 recombinant protein

Recombinant Mouse Histone acetyltransferase p300 (Ep300) , partial

CATALOG # AAA115495	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Histone acetyltransferase p300 (Ep300); Recombinant Mouse Histone acetyltransferase p300 (Ep300); partial; Ep300 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1286-1662. Partial
Sequence	KLSAKRLPST RLGTFLENRV NDFLRRQNHP ESGEVTVRV HASDKTVEVK PGMKARFVDS GEMAESFPYR TKALFAFEEI DGVDLCCFFGM HVQEYGSDCP PPNQRRVYIS YLDSVHFFRP KCLRTAVYHE ILIGYLEYVK KLGYYTGHIV ACPPEGGDDY IFHCHPPDQK IPKPKRLQEW YKMLDKAVS ERIVHDYKDI LKQATEDRLT SAKELPYFEG DFWPNVLEES IKELEQEEEE RKREENTSNE STDVTKGDSK NAKKKNNKKT SKNKSSLSRG NKKKPGMPNV SNDLSQKLYA TMEKHKEVFF VIRLIACPAP NSLPPIVDPD PLIPCDLMDG RDAFLTARD KHLEFSSLRR AQWSTMCLV ELHTQSQ
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ep300 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94421034
NCBI GeneID	328572
NCBI Accession #	NP_808489.4
NCBI GenBank Nucleotide #	NM_177821.6
UniProt Accession #	B2RWS6 ; E9PYJ8
Molecular Weight	263,305 Da
NCBI Official Full Name	histone acetyltransferase p300
NCBI Official Synonym Full Names	E1A binding protein p300

NCBI Official Symbol	Ep300
NCBI Official Synonym Symbols	p300; KAT3B; p300 HAT; A430090G16; A730011L11
NCBI Protein Information	histone acetyltransferase p300
UniProt Protein Name	Histone acetyltransferase p300
UniProt Gene Name	Ep300
UniProt Synonym Gene Names	P300; p300 HAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ep300-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115495>