

Recombinant Human EP300 Protein, GST-tagged

Cat. No. EP300-43H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human EP300 protein containing an N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	P300 is potent transcriptional coactivator and binds directly to a number of transcription factors including CREB, HIF1A and TFAP2A. P300 contains histone acetyltransferase activity, as well as a Bromodomain, through which it interacts with acetylated histones.
Molecular Mass	46 kDa
Notes	This product is for in vitro research use only and is not intended for use in humans or animals.
Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.
Concentration	1 mg/mL
Storage Buffer	20 mM Tris-HCl pH 8.0, 200 mM NaCl, 1 mM DTT, 20% glycerol

GENE INFORMATION

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Gene Name	EP300 E1A binding protein p300 [Homo sapiens (human)]
Official Symbol	EP300
Synonyms	EP300; E1A binding protein p300; p300; KAT3B; RSTS2; histone acetyltransferase p300; E1A-associated protein p300; E1A-binding protein, 300kD; histone butyryltransferase p300; histone crotonyltransferase p300; p300 HAT; protein propionyltransferase p300; EC 2.3.1.48
Gene ID	2033
mRNA Refseq	NM_001429
Protein Refseq	NP_001420
MIM	602700
UniProt ID	Q09472

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