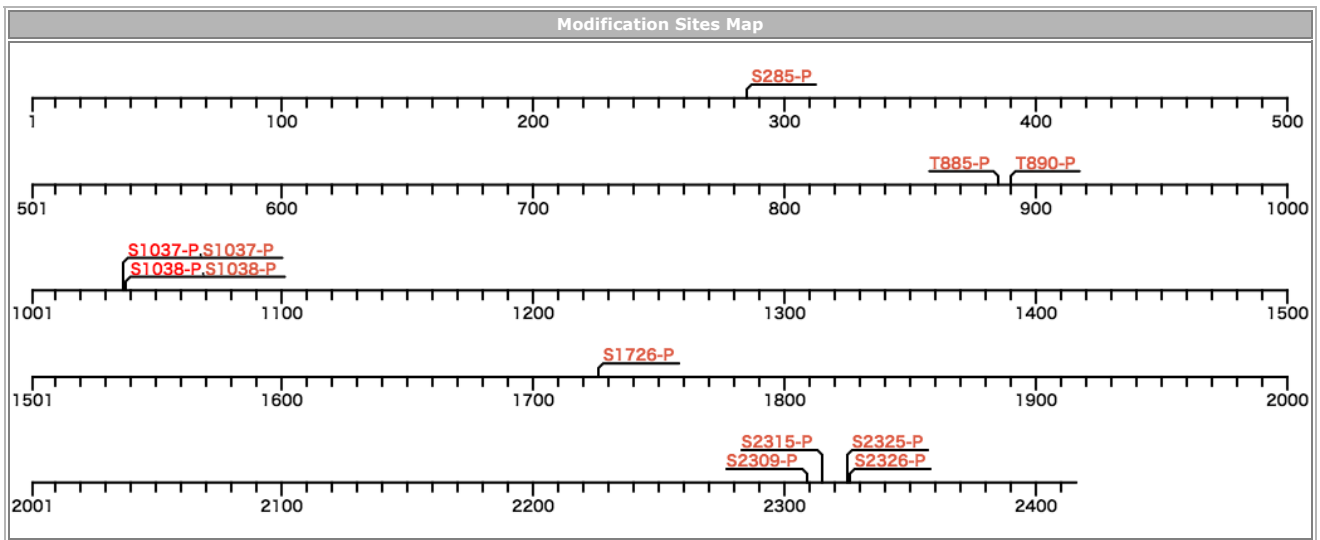


ID	Accession	GeneName	Chr.No.	Description
EP300_HUMAN	Q09472	EP300	22q13.2 41487790..41576081	Histone acetyltransferase p300



Click a modification site to display the information in detail.

Site no	Amino acid	Type	Division	Detail
1037	S	P	Lab	140326_GIST_NES_tita_3_.mgf[F017516]
1037	S	P	Paper	Sci Signal 2011, 4(179), rs5

Protein Sequence	
<p>MAENVVEPGP PSAKRPKLSS PALSASASDG TDFGSLFDLE HDLPDELINS TELGLTNGGD INQLQTSLGM VQDAASKHKQ LSELLRSGSS PNLNMGVGGP QQVMASQAQQ SSPGLGLINS MVKSPMTQAG LTPSNMGMGT SGNPQGTQS TGMNNSPVNQ PAMGMNTGMN AGMNPGLAA GNGQGIMPVQ VMNGSIGAGR GRQNMQYVNP GMGSAG NLLT EPLQQGSPQM GGQTGLRGPQ PLKMGMMNPN NPYGSPYQTN PGQQIGASGL GLIQTKTIVL SNNLS PFAMD KKAVPGGGMP NMGQQPAPQV QQPGLVTPVA QGMG SGAHTA DPEKRKLIQQ QLVLLLHAHK CQRREQANGE VRQCNLPHCR TMKNVNLNMT HCQSGKSCQV AHCASSRQII SHWKNCTRHD CPVCLPLKNA GDKRNQQPIL TGA PVGLGNP SSLGVGQQSA PNLSTVSQID PSSIERAYAA LGLPYQVNMQ PTQPQVQAKN QNQNPQGPSP QGMRPMSNMS ASPMGVNGGV GVQTPSLLSD SMLHSAINSQ N PMMSENASV PSLGPMPTAA QPSTTGIRKQ WHEDITQDLR NHLVHKLVA IFPTDPAAL KDRRMENLVA YARKVEGDMY ESANNRAEY HLLAEKIYKI QKELEEKRRRT RLQ KQNMLPN AAGMVPVSMN PGPNMGPQP GMTSNGPLPD PSMIRGSVNP QMMPRITPQS GLNQFGQMSM AQPPVPRQT PPLQHHGQLA QPGALNPPMG YGPRMQPSN Q GQFLPQTQF PSQGMNVTNI PLAPSSGQAP VSQAQMSSSS CPVNSPIMPP GSQGSHIHC QLPQALHQN SPSPVPSRTP TPHHTPPSIG AQPPATTIP APVTPPAMP PGPQ SQALHP PPROIPTPTPT TQLPQQVQPS LPAAPSADQP QQQPRSQST AASVPTPTAP LLPPQATPL SQAQVSIQV VSNPPSTST EVNSQAIAEK QPSQEVKMEA KMEVDQ PEPA DTQPEDISES KVEDCKMEST ETEERSTELK TEIKEEEDQP STSATQSSPA PGQSKKIKF PEELRQALMP TLEALYRQDP ESLPFRQPDV PQLLGIPDYF DIVKSPMDLS TIKRKLDTGQ YQEPWQYVDD IWLMFNNAWL YNRKTSRVYK YCSKLSEVFE QEIDPVMQSL GYCCGRKLEF SPQTLCCYQK QLCTIPRQAT YSYQNRHYF CEKCFNEIQG ES VSLGDDPS QPQTINKEQ FSKRKNNDTLD PELFVECTEC GRKMHQICVL HHEIWPAGF VCDGCLKSA RTRKENKFS A KRLPSTRLGT FLENRVNDFL RRQNHPESE VTVR VVHASD KTVVEVKPGMK ARFVDSGEMA ESFPYRTKAL FAFEIIDGVD LCFFGMHVQE YGSDCPPPNQ RRVYISYLDV VHFFRPKCLR TAVYHEILIG YLEYVKKLGY TTGHIWA CPP SEGDDYIFHC HPPDQKIPK KRLQEWYKMM LDKAVSERIV HDYKDFKQA TEDRLTAKE LPYFEGDFWP NVLEESIKEL EQEEEEERKRE ENTSNESTDV TKGDSKNAK KNNKTSKNN SSSLRGNKKNK PGMPNVSNDL SQKLYATMEK HKEVFFVIRL IAGPAANSLP PIVDPDPLIP CDLMDGRDAF LTLARDKHLE FSSLRRAQWS TMCMLVELHT QS QDRFVYTC NECKHHVETR WHCTVCEDYD LCITCYNTKN HDHKMEKGL GLDDESNNQ AAATQSPGDS RRLSIQRQCIQ SLVHACQCRN ANCSLPSQK MKRVVQHTKG C KRKTNGGCP ICKQLIALCC YHAKHCQENK CPVPFCLNIK QKLRQQLQH RLQQAQMLRR RMASMQRTGV VGQQQGLPSP TPATPTPTPT QPPTPTPTP PTSQPQPTPP NS MPPYLPRT QAAGPVSQGK AAGQVTPPTP PQAQPPPLG PPPAAVEMAM QIQRAAETQR QMAHVQIFQR PIQHQMPPMT PMAPMGMNPP PMTRGPGSGLH EPGMGPTGMQ Q QPPWSQGL PQPQQLQSGM PRPAMMSVAQ HGQPLNMAPQ PGLGQVQISP LKPGTVSQA LQNLRLTLRS PSSPLQQQV LSILHANPQL LAAFIKQRAA KYANSNPQPI P GQPGMPQGG PGLQPPTMPG QQGVHSPAM QNMNPMQAGV QRAGLPQQP QQQLQPPMGG MSPQAQQMNM NHNTMPSQFR DILRRQMMQ QQQQQAGPG IGPGM ANHNQ FQPPQGVGYP PQQQQRMQHH MQMQQQGNGM QIQQLPQALG AEAGASLQAY QQRLLQQQMG SPVQPNPMSQ QQHMLPNQAA SPHLQGGQIP NSLSNQVRS QPVPSPRPQS QPPHSSPSR MQPQPSHHV SPQTSSPHPG LVAAQANPME QGHFASPDQN SMLSQASNP GMANLHGASA TDGLLSTDNS DLNSNLSQST LDIIH</p>	

Backcolor of amino acid : Yellow -> site of modification, gray -> in front of processing