Recombinant Human CRTC1 Protein, GST-tagged

Cat. No. CRTC1-1916H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRTC1 full-length ORF (BAB14822.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CRTC1 (CREB Regulated Transcription Coactivator 1) is a Protein Coding gene. Diseases associated with CRTC1 include Mucoepidermoid Carcinoma and Cutaneous Mucoepidermoid Carcinoma. Among its related pathways are Circadian rythm related genes and Mesodermal Commitment Pathway. GO annotations related to this gene include cAMP response element binding protein binding. An important paralog of this gene is CRTC2.
Molecular Mass	88.8 kDa
AA Sequence	MATSNNPRKFSEKIALHNQKQAEETAAFEEVMKDLSLTRAARLQLQKSQYLQLGPS RGQYYGGSLPNVNQIGSGTMDLPFQTPSQSSGLDTSRTTRHHGLVDRVYRERGRL GSPHRRPLSVDKHGRQADSCPYGTMYLSPPADTSWRRTNSDSALHQSTMTPTQP ESFSSGSQDVHQKRVLLLTVPGMEETTSEADKNLSKQAWDTKKTGSRPKSCEVPGI NIFPSADQENTTALIPATHNTGGSLPDLTNIHFPSPLPTPLDPEEPTFPALSSSSSTGN LAANLTHLGIGGAGQGMSTPGSSPQHRPAGVSPLSLSTEARRQQASPTLSPLSPITQ AVAMDALSLEQQLPYAFFTQAGSQQPPPQPQPPPPPPPASQQPPPPSPPQAPVRL PPGGPLLPSASLTRGPQPPPLAVTVPSSLPQSPPENPGQPSMGIDIASAPALQQYRT

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	SAGSPANQSPTSPVSNQGFSPGSSPQLEQFNMMENAISSSSLYSPGSTLNYSQAA MMGLTGSHGSLPDSQQLGYASHGGIPNIILTVTGESPPSLSKELTSHRGHLPDGPPV SGHAGTLPLSRPDGASPARGRPCSVPRQRPSL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CRTC1 CREB regulated transcription coactivator 1 [Homo sapiens]
Official Symbol	CRTC1
Synonyms	CRTC1; CREB regulated transcription coactivator 1; MECT1, mucoepidermoid carcinoma translocated 1; CREB-regulated transcription coactivator 1; FLJ14027; KIAA0616; TORC1; TORC-1; transducer of CREB protein 1; mucoepidermoid carcinoma translocated 1; mucoepidermoid carcinoma translocated protein 1; transducer of regulated cAMP response element-binding protein 1; transducer of regulated cAMP response element-binding protein (CREB) 1; MECT1; WAMTP1;
Gene ID	23373
mRNA Refseq	NM_001098482

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Protein Refseq	NP_001091952
MIM	607536
UniProt ID	Q6UUV9

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