

# Recombinant Full Length Human CRTC1 Protein, GST-tagged

Cat. No. CRTC1-2122HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CRTC1 full-length ORF (BAB14822.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	593 amino acids
<b>Description</b>	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 rhythm 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.
<b>Molecular Mass</b>	88.8 kDa
<b>AA Sequence</b>	MATSNNPRKFSEKIALHNQKQAEETAAFEVVMKDSLTRAARLQLQKSQYLQLGPS RGQYYGGSLPNVNQIGSGTMDLPFQTPSQSSGLDTSRTTRHHGLVDRVYRERGR L GSPHRRPLSVDKHGRQADSCPYGTMYSPPADTSWRRTNSDSALHQSTMTPTQP ESFSSGSQDVHQKRVLLLVPGMEETTSEADKNLSKQAWDTKKTGSRPKSCEVPGI NIFPSADQENTTALIPATHNTGGSLPDLTNIHFPSPLPTPLDPEEPTFPALSSSSSTGN LAANLTHLGIGGAGQGMSTPGSSPQHRPAGVSPLSLSTEARRQQASPTLSPLSPITQ AVAMDALSLEQQLPYAFFTQAGSQQPPPPQPPPPPPPPASQQPPPPSPPQAPVRL

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PPGGPLLPSASLTRGPQPPPLAVTVPSSLPQSPPENPGQPSMGIDIASAPALQQYRT  
 SAGSPANQSPTSPVSNQGFSPGSSPQLEQFNMMENAISSSSLYSPGSTLNYSQAA  
 MMGLTGSHGSLPDSQQLGYASHGGIPNIILTVTGESPPSLSKELTSHRGHLPDGPPV  
 SGHAGTLPLSRPDGASPARGRPCSVPRQRPSL

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CRTC1 CREB regulated transcription coactivator 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CRTC1</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">23373</a>

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mRNA Refseq	NM_001098482
Protein Refseq	NP_001091952
MIM	607536
UniProt ID	Q6UUV9

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