

Recombinant Full Length Human CRTC1 Protein, GST-tagged

Cat. No. CRTC1-2122HF **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	In Vitro Cell Free System
ProteinLength	593 amino acids
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 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.
Molecular Mass	88.8 kDa
AA Sequence	MATSNNPRKFSEKIALHNQKQAEETAAFEVVMKDLSLTRAARLQLQKSQYLQLGPS RGQYYGGSLPNVNQIGSGTMDLPFQTPSQSSGLDTSRTTRHHGLVDRVYRERGR L GSPHRRPLSVDKHGRQADSCPYGTMYLSPPADTSWRRTNSDSALHQSTMTPTQP ESFSSGSQDVHQKRVLLLTVPGMEETTSEADKNLSKQAWDTKKTGSRPKSCEVPGI NIFPSADQENTTALIPATHNTGGSLPDLTNIHFPSPLPTPLDPEEPTFPALSSSSSTGN LAANLTHLGIGGAGQGMSTPGSSPQHRPAGVSPLSLSTEARRQQASPTLSPLSPITQ AVAMDALSLEQQLPYAFFTQAGSQQPPPPQPPPPPPPPASQQPPPPSPPPQAPVRL

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PPGGPLLPSASLTRGPQPPPLAVTVPSSLPQSPPENPGQPSMGIDIASAPALQQYRT
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](#)

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mRNA Refseq	NM_001098482
Protein Refseq	NP_001091952
MIM	607536
UniProt ID	Q6UUV9

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