

# Recombinant Human CRTC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CRTC1-4944H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CRTC1 MS Standard C13 and N15-labeled recombinant protein (NP_056136) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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 Organelle biogenesis and maintenance and Mitochondrial Gene Expression. Gene Ontology (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>   | 67.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MATSNNPRKFSEKIALHNQKQAEETA AFEEVMKDLSLTRAARLQLQKSQYLQLGPS<br>RGQYYGGSLPNVNQIGSGTMDLPFQTPFQSSGLDTSRTTRHHGLVDRVYRERGR<br>L GSPHRRPLSVDKHGRQADSCPYGTMYLSPPADTSWRRTNSDSALHQSTMTPTQP<br>ESFSSGSQDVHQKRVLLLTVPGMEETTSEADKNLSKQAWDTKKTGSRPKSCEVPGI<br>NIFPSADQENTTALIPATHNTGGSLPDLTNIHFPSPLPTPLDPEEPTFPALSSSSSTGN<br>LAANLTHLGIGGAGQGMSTPGSSPQHRPAGVSPLSLSTEARRQQASPALSPLSPIT<br>QAVAMDALSLEQQLPYAFFTQAGSQQPPPQPQPPPPPPPPASQQPPPPPPPPQAPVR                |

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LPPGGPLLPSASLTRGPQPPPLAVTVPSSLPQSPPENPGQPSMGIDIASAPALQQYR  
 TSAGSPANQSPTSPVSNQGFSPGSSPQHTSTLGSVFGDAYYEQQMAARQANALSH  
 QLEQFNMMENAISSSSLYSPGSTLNYSQAAMMGLTGSHGSLPDSQQQLGYASHSGIP  
 NIILTVTGESPPSLSKELTSSLAGVGDVSFSDSDSQFPLDELKIDPLTLDGLHMLNDPD  
 MVLADPATEDTFRMDRLSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** **CRTC1 CREB regulated transcription coactivator 1 [ Homo sapiens (human) ]**

**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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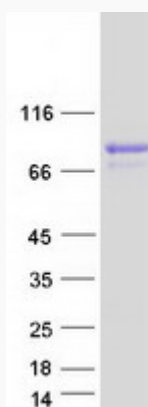
**mRNA Refseq** [NM\\_015321](#)

**Protein Refseq** [NP\\_056136](#)

**MIM** [607536](#)

**UniProt ID** [Q6UUV9](#)

**SDS-PAGE**



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