

Recombinant Full Length Human CRTC1 Protein, C-Flag-tagged

Cat. No. CRTC1-1443HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CRTC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables cAMP response element binding protein binding activity. Involved in positive regulation of transcription by RNA polymerase II. Located in cytosol; nuclear body; and plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.1 kDa
AA Sequence	MATSNNPRKFSEKIALHNQKQAEETAAFEVVMKDLSLTRAARLQLQKSQYLQLGPS RGQYYGGSLPNVNQ IGS GTMDLPFQTPFQSSGLDTSRTTRHHGLVDRVYRERGR L GSPHRRPLSVDKHGRQADSCPYGTM YLSP PADTSWRRRTNSDSALHQSTMTPTQP ESFSSGSQDVHQKRVLLLTVP GMEETTSEADKNLSKQAWDTKKTG SRPKSCEVPG INIFPSADQENTTALIPATHNTGGSLPDLTNIHFPSPLPTPLDPEEPTFPALSSSSSTG N LAANLTHLGIGGAGQGMSTPGSSPQHRPAGVSPLSLSTEARRQQASPALSPLSPI TQAVAMDALSLEQQL PYAFFTQAGSQQPPPPQPPPPPPPPASQQPPPPPPPPQAPV RLPPGGPLLPSASLTRGPQPPPLAVTVPSS LPQSPPENPGQPSMGIDIASAPALQQ YRTSAGSPANQSPTSPVSNQGFSPGSSPQHTSTLGSVFGDAYYE QQMAARQANA

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LSHQLEQFNMMENAISSSSLYSPGSTLNYSQAAMMGLTGSHGSLPDSQQQLGYASH
SGIPN IILTVTGESPPSLSKELTSSLAGVGDVSFDSQFPLDELKIDPLTLDGLHMLN
DPDMVLADPATEDTFR
MDRLSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

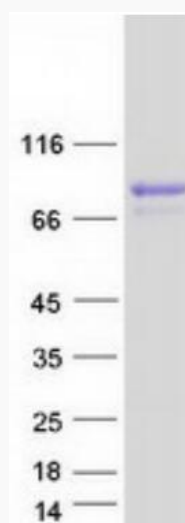
Gene Name	CRTC1 CREB regulated transcription coactivator 1 [Homo sapiens (human)]
Official Symbol	CRTC1
Synonyms	MAML2; MECT1; Mam-2; TORC1; TORC-1; WAMTP1
Gene ID	23373

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mRNA Refseq	NM_015321.3
Protein Refseq	NP_056136.2
MIM	607536
UniProt ID	Q6UUV9



Coomassie blue staining of purified CRTC1 protein.

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