

Recombinant Human CRTC3 protein, His & T7-tagged

Cat. No. CRTC3-1114H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTC3 aa. (Met1~Phe103 (Accession # Q6UUV7) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Phe103
Description	This gene is a member of the CREB regulated transcription coactivator gene family. This family regulates CREB-dependent gene transcription in a phosphorylation-independent manner and may be selective for cAMP-responsive genes. The protein encoded by this gene may induce mitochondrial biogenesis and attenuate catecholamine signaling in adipose tissue. A translocation event between this gene and Notch coactivator mastermind-like gene 2, which results in a fusion protein, has been reported in mucoepidermoid carcinomas. Alternative splicing results in multiple transcript variants that encode different protein isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%

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Characteristic	The isoelectric point is 11.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CRTC3 CREB regulated transcription coactivator 3 [Homo sapiens (human)]
Official Symbol	CRTC3
Synonyms	CRTC3; CREB regulated transcription coactivator 3; TORC3; TORC-3; CREB-regulated transcription coactivator 3; transducer of regulated CREB protein 3; transducer of regulated cAMP response element-binding protein (CREB) 3
Gene ID	64784
mRNA Refseq	NM_001042574.2

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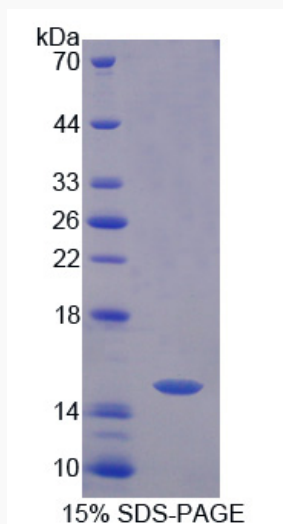
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Protein Refseq NP_001036039.1

UniProt ID Q6UUV7

SDS-PAGE



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