Recombinant Human CRTC3 protein, GST-tagged

Cat. No. CRTC3-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTC3(176 a.a. - 274 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	176-274 a.a.
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	QDPYGGGGQSAWPAPYMGFCDGENNGHGEVASFPGPLKEENLLNVPKPLPKQLW ETKEIQSLSGRPRSCDVGGGN AFPHNGQNLGLSPFLGTLNTGGSL

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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.

GENE INFORMATION

Gene Name	CRTC3 CREB regulated transcription coactivator 3 [Homo sapiens]
Official Symbol	CRTC3
Synonyms	CRTC3; CREB regulated transcription coactivator 3; CREB-regulated transcription coactivator 3; FLJ21868; TORC-3; transducer of CREB protein 3; transducer of regulated CREB protein 3; transducer of regulated cAMP response element-binding protein 3; transducer of regulated cAMP response element-binding protein (CREB) 3; TORC3;
Gene ID	64784
mRNA Refseq	NM_022769
Protein Refseq	NP_073606
MIM	608986
UniProt ID	Q6UUV7
Chromosome Location	15q26.1

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Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	cAMP response element binding protein binding;

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