

Recombinant Human CREB3L2, GST-tagged

Cat. No. CREB3L2-11561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CREB3L2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-247a.a.
Description	This gene encodes a member of the oasis bZIP transcription factor family. Members of this family can dimerize but form homodimers only. The encoded protein is a transcriptional activator. Translocations between this gene on chromosome 7 and the gene fused in sarcoma on chromosome 16 can be found in some tumors. Multiple transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CREB3L2 cAMP responsive element binding protein 3-like 2 [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	CREB3L2
Synonyms	CREB3L2; cAMP responsive element binding protein 3-like 2; cyclic AMP-responsive element-binding protein 3-like protein 2; BBF2H7; TCAG_1951439; FUS/BBF2H7 protein; B-ZIB transcription factor; basic transcription factor 2; BBF2 human homolog on chromosome 7; cAMP-responsive element-binding protein 3-like protein 2; MGC71006; MGC131709;
Gene ID	64764
mRNA Refseq	NM_001253775
Protein Refseq	NP_001240704
MIM	608834
UniProt ID	Q70SY1
Chromosome Location	7q34
Pathway	Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cholinergic synapse, organism-specific biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem;
Function	cAMP response element binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;