

# Recombinant Full Length Human CREB3L1 Protein, GST-tagged

**Cat. No.** CREB3L1-2262HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CREB3L1 full-length ORF ( NP_443086.1, 1 a.a. - 519 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	519 amino acids
<b>Description</b>	The protein encoded by this gene is normally found in the membrane of the endoplasmic reticulum (ER). However, upon stress to the ER, the encoded protein is cleaved and the released cytoplasmic transcription factor domain translocates to the nucleus. There it activates the transcription of target genes by binding to box-B elements. [provided by RefSeq, Jun 2013]
<b>Molecular Mass</b>	83.4 kDa
<b>AA Sequence</b>	MDAVLEPFPADRLFPGSSFLDLGDLNESDFLNNAHFPEHLDHFTENMEDFSNDLFS SFFDDPVLDKESPLLDMELDSPTPGIQAHSYSLSGDSAPQSPLVPIKMEDTTQDAE HGAWALGHKLCSIMVKQEQSPELPVDPLAAPSAMAAAAAMATTPLLGLSPLSRLPIP HQAPGEMTQLPVIKAEPLEVNQFLKVTPELDVQMPPTPPSSHGSDSDGSQSPRSLP PSSPVRPMARSSTAISTSPLLTAPHKLQGTSGPLLLTEEEKRTLIAEGYPIPTKLPLTK AEEKALKRVRKIKNKISAQESRRKKKEYVECLEKKVETFTSENNELWKKVETLENA NRTLLQQLQKLQTLVTNKISRPYKMAATQTGTCLMVAALCFVLVLGSLVPCLEPFSS

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GSQTVKEDPLAADGVYTASQMPSRSLFYDDGAGLWEDGRSTLLPMEPPDGWEIN  
 PGGPAEQRPDRHLQHDHLDSTHETTKYLSEAWPKDGGNGTSPDFSHSKEWFHDR  
 DLGPNTTIKLS

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CREB3L1 cAMP responsive element binding protein 3-like 1 [ Homo sapiens ]
<b>Official Symbol</b>	CREB3L1
<b>Synonyms</b>	CREB3L1; cAMP responsive element binding protein 3-like 1; cyclic AMP-responsive element-binding protein 3-like protein 1; BBF 2 homolog (drosophila); OASIS; BBF-2 homolog; old astrocyte specifically induced substance; old astrocyte specifically-induced substance; cAMP-responsive element-binding protein 3-like protein 1
<b>Gene ID</b>	90993
<b>mRNA Refseq</b>	NM_052854
<b>Protein Refseq</b>	NP_443086

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<b>MIM</b>	616215
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<b>UniProt ID</b>	Q96BA8
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