

Recombinant Full Length Human CREB3L1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CREB3L1 full-length ORF (NP_443086.1, 1 a.a. - 519 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	519 amino acids
Description	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]
Molecular Mass	83.4 kDa
AA Sequence	MDAVLEPFPADRLFPGSSFLDLGDLNESDFLNNAHFPEHLDHFTENMEDFSNDLFS SFFDDPVLDEKSPLLDMELDSPTPGIQAHSYSLSGDSAPQSPLVPIKMEDTTQDAE HGAWALGHKLCSIMVKQEQSPPELVDPLAAPSAMAAAAAMATTPLLGLSPLSRLPIP HQAPGEMTQLPVIKAEPLEVNQFLKVTPELDVQMPPTPPSSHGSDSDGSQSPRSLP PSSPVRPMARSSTAISTSPLLTAPHKLQGTSGPLLLTEEEKRTLIAEGYPIPTKLPLTK AEEKALKRVRRIKIKNKISAQESRRKKKEYVECLEKKVETFTSENNELWKKVETLENA NRTLLQQLQKLQTLVTNKISRPHYKMAATQTGTCLMVAALCFVLVLGSLVPCLPPEFSS

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GSQTVKEDPLAADGVYTASQMPSRSLFYDDGAGLWEDGRSTLLPMEPPDGWEIN
PGGPAEQRPRDHLQHDHLDSTHETTKYLSEAWPKDGGNGTSPDFSHSKEWFHDR
DLGPNTTIKLS

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.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CREB3L1 cAMP responsive element binding protein 3-like 1 [Homo sapiens]

Official Symbol

CREB3L1

Synonyms

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

Gene ID

90993

mRNA Refseq

NM_052854

Protein Refseq

NP_443086

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MIM	616215
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UniProt ID	Q96BA8
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