

Recombinant human CREB3L2 protein

Catalog Number: ATGP2920

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-378aa

UniProt No.

Q70SY1

NCBI Accession No.

AAI10814

Alternative Names

cAMP responsive element binding protein 3-like 2, cAMP responsive element binding protein 3-like 2, BBF2H7

PRODUCT SPECIFICATION

Molecular Weight

44 kDa (401aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 1mM DTT, 0.2M NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CREB3L2 is a member of the oasis bZIP transcription factor family. Members of this family can dimerize but form homodimers only. This 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. Recombinant human CREB3L2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

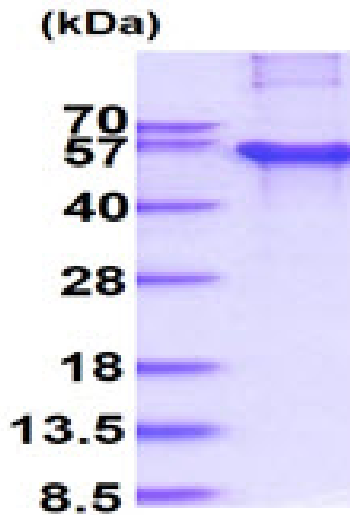
MGSSHHHHHHH SSGLVPRGSH MGSMEVLESG EQGVLQWDRK LSELSEPGDG EALMYHTHFS ELLDEFSONV
LGQLLNDPFL SEKSVSMEVE PSPTSPAPLI QAEHSYSLCE EPRAQSPFTH ITSDFSNDDE VESEKWYLST DFPSTSIKTE
PITDEPPPGGL VPSVTLTITA ISTPLEKEEP PLEMNTGVDS SCQTIIPKIK LEPHEVDQFL NFSPKEAPVD HLHLPPTPPS
SHGSDSEGSL SPNPRLLHPFS LPQTHSPSRA APRAPSALSS SPLLTAPHKL QGSGPLVLTE EEKRTLIAEG YPIPTKLPLS
KSEKALKKI RRIKINKISA QESRRKKKEY MDSLEKKVES CSTENLELRK KVEVLENTNR TLLQQLQKLQ TLVMGKVSRT
CKLAGTQTGT C

General References

Kondo S, Saito A, et al. (2007). Mol Cell Biol. 27(5):1716-29.
Panagopoulos I, Monsef N, et al. (2010). Oncol Rep. 24(5):1133-9.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)