

CREB3L2, 1-378aa, Human, His tag, E.coli

Cat.NO.: TP01706

3th Edition

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

Description:CREB3L2 is a member of the oas 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.

Form:Liquid. In PBS (pH 7.4) containing 30% glycerol, 1mM DTT.

Molecular Weight:44 kDa (401aa) confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMLEVLESGEQGVLQWDRKLSESEP GDGEALMYHTHFSELLDEF SQNVLGQ
LLNDPFLSEKSVSMEVEPSPTSPAPLIQAEHSYSLCEEPR AQSPFTHITSDSFNDDEVESEK WYLSTDFPSTSIKTEP
ITDEPPPGLVPSVTLTITAISTPLEKEEPLEMTGVDSSCQTII PKIKLEPHEVDQFLNFSPKEAPVDHLHLPPTPPSS
HGSDSEGLSPNPRLHPFSLPQTHSPSRAAPRAPSA LSSSPLLTAPHKLQGSGLVLTEEEKRTLIAEGYPIPTKLPL
SKSEEKALKKIRRKIKNKISAQESRRKKKEYMDSLEKKVESCSTENLELRKKVEVLENTNRTLLQQLQKLQTLVMGK
VSRTCKLAGTQTGTC

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.