Recombinant human Bcl-10 protein

Catalog Number: ATGP1457

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-233aa

UniProt No.
O95999

NCBI Accession No.
NP_003912

Alternative Names
B cell CLL/lymphoma 10, BCL10, Immune signaling adaptor, CARMEN, CIPER, mE10, c-E10, CLAP

PRODUCT SPECIFICATION

Molecular Weight
28.8 kDa (257aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.05M NaCl, 1mM DTT

Purity
> 85% 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
BCL10, also known as B-cell lymphoma/leukemia 10, contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. It is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that

Recombinant human Bcl-10 protein

Catalog Number: ATGP1457

leads to the malignancy. Recombinant human BCL10 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

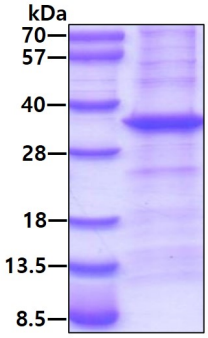
<MGSSHHHHHH SSGLVPRGSH MGSH>MEPTAP SLTEEDLTEV KKDALENLRV YLCEKIIAER HFDHLRAKKI LSREDTEEIS CRTSSRKRAG KLLDYLQENP KGLDTLVESI RREKTQNFLI QKITDEVLKL RNIKLEHLKG LKCSSCEPFP DGATNNLSRS NSDESNFSEK LRASTVMYHP EGESSTTPFF STNSSLNLPV LEVGRTENTI FSSTTLPRPG DPGAPPLPPD LQLEEEGTCA NSSEMFLPLR SRTVSRQ

General References

Rebeaud F., et al. (2008) Nat. Immunol. 9:272-281
Yui D., et al. (2001) Oncogene. 20:4317-4323

DATA

SDS-PAGE



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