

Recombinant human BCL7A protein

Catalog Number: ATGP1854

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-210aa

UniProt No.

Q4VC05

NCBI Accession No.

NP_001019979

Alternative Names

B-cell CLL/lymphoma 7 protein family member A, BCL7

PRODUCT SPECIFICATION

Molecular Weight

25.2 kDa (233aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT, 2mM EDTA

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

BCL7A is directly involved, with Myc and IgH, in a three-way gene translocation in a Burkitt lymphoma cell line. As a result of the gene translocation, the N-terminal region of the gene is disrupted, which is thought to be related to the pathogenesis of a subset of high-grade B cell non-Hodgkin lymphoma. The N-terminal segment involved in the translocation includes the region that shares a strong sequence similarity with those of BCL7B and BCL7C. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human BCL7A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using

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conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMGRSVR AETRSRAKDD IKRVMAAIEK VRKWEKKWVT VGDTSRLRIYK
WVPVTEPKVD DKNKNKKKGK DEKCGSEVTT PENSSSPGMM DMHDDNSNQS SIADASPIKQ ENSSNSSPAP EPNSAVPSDG
TEAKVDEAQA DGKEHPGAED ASDEQNSQSS MEHSMNSSEK VDRQPSGDSG LAAETSAISQ DLEGVPPSKK MKLEASQQNS
EEM

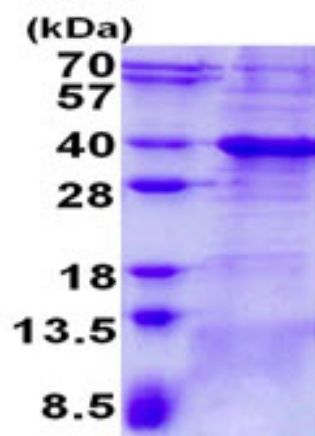
General References

Carbone,A., et al. (2008) Genes Chromosomes Cancer 47 (12), 1067-1075

Morton,L.M., et al. (2009) Cancer Epidemiol. Biomarkers Prev. 18 (4), 1259-1270

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)