

# 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

# Recombinant human BCL7A protein

Catalog Number: ATGP1854

conventional chromatography techniques.

## Amino acid Sequence

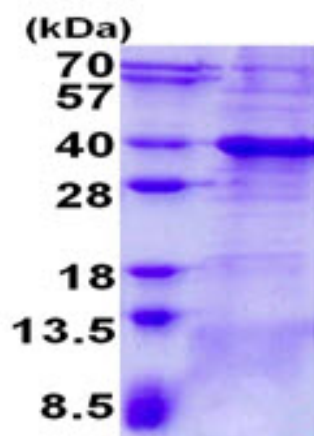
MGSSHHHHHHH SGLVPRGSH MGSMSGRSVR AETRSRAKDD IKRVMAAIEK VRKWEKKWVT VGDTSLRIYK  
WVPVTEPKVD DKNKNKKKGK DEKCGSEVTT PENSSSPGMM DMHDDNSNQS SIADASPIKQ ENSSNSSPAP EPNSAVPSDG  
TEAKVDEAQA DGKEHPGAED ASDEQNSQSS MEHSMNSSEK VDRQPSGDSG LAAETSAISQ DLEGVPPSKK MKLEASQQNS  
EEM

## 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)