

# Recombinant human Bcl-2 related protein A1 protein

Catalog Number: ATGP1542

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-152aa

### UniProt No.

Q16548

### NCBI Accession No.

CAG46760

### Alternative Names

Bcl-2-related protein A1, BCL2L5, BFL1, GRS, HBPA1

## PRODUCT SPECIFICATION

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### Molecular Weight

20.2 kDa (176aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

### Purity

> 95% 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

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### Description

BCL2A1, also known as Bcl-2-related protein A1, retards apoptosis induced by IL-3 deprivation. This protein functions in the response of hemopoietic cells to external signals and in maintaining endothelial survival during infection. Recombinant human BCL2A1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSHTDCEF GYIYRLAQDY LQYVLQIPQP GSGPSKTSRV LQKVAFSVQK EVEKNLKSCL

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DNVNVSVSDT ARTLFNQVME KEFEDDIINW GRIVTIFAFE GILIKLLRQ QIAPDVDTYK EISYFVAEFI MNNTGEWIRQ  
NGGWENGFVK KFEPKS

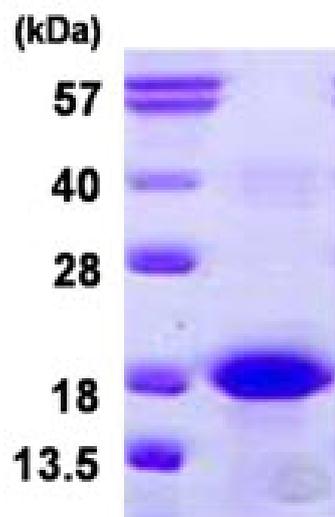
## General References

Kenny J.J., et al. (1997) Oncogene. 14:997-1001

Choi S.S., et al. (1995) Oncogene. 11:1693-1698

## DATA

### SDS-PAGE



15% SDS-PAGE (3ug)

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