

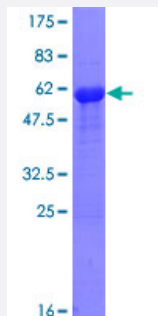
Full-Length

# BCL11A (Human) Recombinant Protein (P01)

Catalog # H00053335-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human BCL11A full-length ORF ( NP\_612569.1, 1 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MSRRKQGKPKQHLSKREFSPEPLEAILTDDEPDHGPLGAPEGDHDLLTCGQCQMNFLGDILIFIE  
HKRKQCNGSLCLEKAVDKPPSPSPIEMKKASNPVEVGIQVTPEDDDCLSTSSRGICPKQEHIADK  
LLHWRGLSSPRSAHGALIPTPGMSAEYAPQGICKDEPSSYTCTTCKQPFTSAWFLQHAQNTHGL  
RYLESEHGSP LTPRVLHTPPFGVVPRELKMGSGFRMEAREPLSSEKI

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

53.3

### Interspecies Antigen Sequence

Mouse (99); Rat (99)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — BCL11A

Entrez GeneID [53335](#)

GeneBank Accession# [NM\\_138559.1](#)

Protein Accession# [NP\\_612569.1](#)

Gene Name BCL11A

Gene Alias BCL11A-L, BCL11A-S, BCL11A-XL, CTIP1, EVI9, FLJ10173, FLJ34997, HBFQTL5, KIAA1809, ZNF856

Gene Description B-cell CLL/lymphoma 11A (zinc finger protein)

Omim ID [142335 606557](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** B-cell CLL/lymphoma 11A|C2H2-type zinc finger protein|ecotropic viral integration site 9 homolog

## Disease

- [alpha-Thalassemia](#)
- [Anemia](#)
- [beta-Thalassemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Pain](#)
- [Prediabetic State](#)
- [Thalassemia](#)
- [Tobacco Use Disorder](#)