Recombinant Human BCL11A protein, His-tagged

Cat. No. BCL11A-1241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL11A aa. (Met1~Arg210 fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Arg210
Description	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.
Form	Freeze-dried powder
Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%

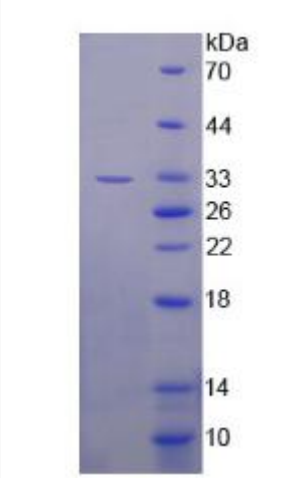
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Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	BCL11A B-cell CLL/lymphoma 11A [Homo sapiens (human)]
Official Symbol	BCL11A
Synonyms	BCL11A; B-cell CLL/lymphoma 11A; EVI9; CTIP1; DILOS; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL; B-cell lymphoma/leukemia 11A; B-cell CLL/lymphoma 11A (zinc finger protein) isoform 2; BCL-11A; BCL11A B-cell CLL/lymphoma 11A (zinc finger protein) isoform 1; C2H2-type zinc finger protein; COUP-TF-interacting protein 1; EVI-9; ecotropic viral integration site 9 homolog;

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	ecotropic viral integration site 9 protein homolog; zinc finger protein 856
Gene ID	53335
mRNA Refseq	NM_018014.3
Protein Refseq	NP_060484.2
UniProt ID	Q9H165
SDS-PAGE	

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