

Recombinant Human BCL11A

Cat. No. BCL11A-28026TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Ctip1 (amino acids 1-88) with proprietary tag at N-terminal,.
Species	Human
Source	Wheat Germ
ProteinLength	88 amino acids
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.
Molecular Weight	35.310kDa inclusive of tags
Tissue specificity	Expressed at high levels in brain, spleen thymus, bone marrow and testis. Expressed in CD34-positive myeloid precursor cells, B-cells, monocytes and megakaryocytes. Expression is tightly regulated during B-cell development.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MSRRKQGKPKQHLSKREFSPEPLEAILTDDEPDHGPLGAPEGDHLLTCGQCQMNFLPLGDILIFIEHKRKQCNGSLCLEKAVDKPPSPS
Sequence Similarities	Contains 6 C ₂ H ₂ -type zinc fingers.

GENE INFORMATION

Gene Name	BCL11A B-cell CLL/lymphoma 11A (zinc finger protein) [Homo sapiens]
Official Symbol	BCL11A
Synonyms	BCL11A; B-cell CLL/lymphoma 11A (zinc finger protein); ecotropic viral integration site 9 , EVI9; B-cell lymphoma/leukemia 11A; BCL11A L; BCL11A S; BCL11A XL; CTIP1; HBFQTL5; ZNF856;
Gene ID	53335
mRNA Refseq	NM_018014
Protein Refseq	NP_060484
MIM	606557
Uniprot ID	Q9H165

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Chromosome Location	2p16.1
Function	metal ion binding; nucleic acid binding; protein heterodimerization activity; protein homodimerization activity; zinc ion binding;

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