Recombinant Human BCL11B, His-tagged

Cat. No. BCL11B-28027TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 387-823 of Human Ctip2 with an N-terminal His Tag, approximately 58kDa
Species	Human
Source	E.coli
ProteinLength	387-823 a.a.
Description	This gene encodes a C2H2-type zinc finger protein and is closely related to BCL11A, a gene whose translocation may be associated with B-cell malignancies. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported.
Conjugation	HIS
Form	Lyophilised:reconstitution with 138 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	QLCDHACSQASKLKRHMKTHMHKAGSLAGRSDDGLSAASS PEPGTSELAGEGLKA ADGDFRHHESDPSLGHEPEEEDE EEEEEEEELLLENESRPESSFSMDSELSRNRE

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	NGGGGV PGVPGAGGGAAKALADEKALVLGKVMENVGLGALPQYGEL LADKQKRG AFLKRAAGGGDAGDDDDAGGCGDAGAGGAV NGRGGGFAPGTEPFPGLFPRKPA PLPSPGLNSAAKRIK VEKDLELPPAALIPSENVYSQWLVGYAASRHFMKDPFLGF T DARQSPFATSSEHSSENGSLRFSTPPGDLLDGGLSGR SGTASGGSTPHLGGPGPG RPSSKEGRRSDTCEYCGKVF KNCSNLTVHRRSHTGERPYKCELCNYACAQSSKLT RHMKT HGQIGKEVYRCDICQMPFSVYSTLEKHMKKWHGEHLLT NDVKIEQAERS

GENE INFORMATION

Gene Name	BCL11B B-cell CLL/lymphoma 11B (zinc finger protein) [Homo sapiens]
Official Symbol	BCL11B
Synonyms	BCL11B; B-cell CLL/lymphoma 11B (zinc finger protein); ZNF856B; B-cell lymphoma/leukemia 11B; CTIP 2; CTIP2; hRIT1 alpha;
Gene ID	64919
mRNA Refseq	NM_022898
Protein Refseq	NP_075049
MIM	606558
Uniprot ID	Q9C0K0
Chromosome Location	14q32
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding

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	transcription factor activity involved in positive regulation of transcription; metal ion binding;

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