Recombinant Human BCL7A, His-tagged

Cat. No. BCL7A-7072H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BCL7A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-210aa
Description	BCL7A is directly involved, with Myc and IgH, in a three-way gene translocation in a Burkitt lymphoma cell line. As a result of the gene translocation, the N-terminal region of the gene is disrupted, which is thought to be related to the pathogenesis of a subset of high-grade B cell non-Hodgkin lymphoma. The N-terminal segment involved in the translocation includes the region that shares a strong sequence similarity with those of BCL7B and BCL7C. Two transcript variants encoding different isoforms have been found for this gene.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,10% glycerol, 1mM DTT, 2mM EDTA
Molecular Mass	25.2 kDa (233aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSGRSVR AETRSRAKDD IKRVMAAIEK VRKWEKKWVT VGDTSLRIYK WVPVTEPKVD DKNKNKKKGKDEKCGSEVTT PENSSSPGMM DMHDDNSNQS SIADASPIKQ ENSSNSSPAP EPNSAVPSDG

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	TEAKVDEAQA DGKEHPGAED ASDEQNSQSS MEHSMNSSEK VDRQPSGDSG LAAETSAISQ DLEGVPPSKK MKLEASQQNS EEM
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	BCL7A B-cell CLL/lymphoma 7A [Homo sapiens]
Official Symbol	BCL7A
Synonyms	BCL7A; B-cell CLL/lymphoma 7A; BCL7; B-cell CLL/lymphoma 7 protein family member A; B-cell CLL/lymphoma-7;
Gene ID	605
mRNA Refseq	NM_001024808
Protein Refseq	NP_001019979
MIM	601406
UniProt ID	Q4VC05

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Chromosome Location	12q24.1
Function	molecular_function;

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