

## Recombinant human BCL7C, His-tagged

**Cat. No.** BCL7C-2446H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human BCL7C protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | BCL7C is identified by the similarity of its product to the N-terminal region of BCL7A protein. The BCL7A protein is encoded by the gene known to be directly involved in a three-way gene translocation in a Burkitt lymphoma cell line. The function of this gene has not yet been determined. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 25.9kDa (240aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMAGRTVR AETRSRAKDD IKKVMATIEK<br>VRRWEKRWVT VGDTSLRIFK WVPVDPQEE ERRRAGGGAE RSRGRERRGR<br>GASPRGGGPL ILLDLNDENS NQSFHSEGS LQKGTEPSPGG TPQPSRPVSP<br>AGPPEGVPEE AQPPRLGQER DPGGITAGST DEPPMLTKEE PVPELLEAEA<br>PEAYPVFEPV PPVPEAAQGD TEDSEGAPPL KRICPNAPDP               |
| <b>Purity</b>           | >85% by SDS - PAGE                                                                                                                                                                                                                                                                               |

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>  | SDS-PAGE                                                                                                                                           |
| <b>Storage</b>       | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b> | 0.25 mg/ml (determined by Bradford assay)                                                                                                          |

## GENE INFORMATION

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b>           | BCL7C B-cell CLL/lymphoma 7C [ Homo sapiens ]                                 |
| <b>Official Symbol</b>     | BCL7C                                                                         |
| <b>Synonyms</b>            | BCL7C; B-cell CLL/lymphoma 7C; B-cell CLL/lymphoma 7 protein family member C; |
| <b>Gene ID</b>             | 9274                                                                          |
| <b>mRNA Refseq</b>         | NM_004765                                                                     |
| <b>Protein Refseq</b>      | NP_004756                                                                     |
| <b>MIM</b>                 | 605847                                                                        |
| <b>UniProt ID</b>          | Q8WUZ0                                                                        |
| <b>Chromosome Location</b> | 16p11                                                                         |

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