

# Recombinant Human BCL7A Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** BCL7A-051H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | BCL7A MS Standard C13 and N15-labeled recombinant protein (NP_001019979) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene 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 product 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. |
| <b>Molecular Mass</b>   | 22.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MSGRSVRAETRSRAKDDIKRVMAAIEKVRKWEKKWVTVGDTSLRIYKWVPVTEPKV<br>DDKNKNKKKGKDEKCGSEVTTPENSSSPGMMMDHDDNSNQSSIADASPIKQENSS<br>NSSPAPEPNSAVPSDGTEAKVDEAQADGKEHPGAEDASDEQNSQSSMEHSMNSS<br>EKVDRQPSGDSGLAAETSAISQDLEGVPPSKMKLEASQQNSEEMTRTRPLEQKLI<br>SEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

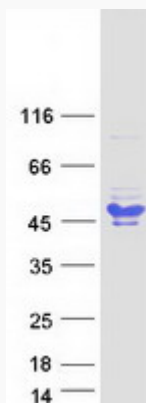
|                        |                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BCL7A BAF chromatin remodeling complex subunit BCL7A [ Homo sapiens (human) ]                                                                                                                                    |
| <b>Official Symbol</b> | BCL7A                                                                                                                                                                                                            |
| <b>Synonyms</b>        | BCL7A; BAF chromatin remodeling complex subunit BCL7A; BCL7; B-cell CLL/lymphoma 7 protein family member A; B-cell CLL/lymphoma 7A; B-cell CLL/lymphoma-7; BCL tumor suppressor 7A; BCL7A, BAF complex component |
| <b>Gene ID</b>         | 605                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001024808                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001019979                                                                                                                                                                                                     |
| <b>MIM</b>             | 601406                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | Q4VC05                                                                                                                                                                                                           |

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## SDS-PAGE



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