# BCL7A Blocking Peptide – >85% Purity

## PRODUCT OVERVIEW

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| **Product Name** | BCL7A, Blocking Peptide |
| **Full Product Name** | BCL7A Blocking Peptide |
| **Product Gene Name** | BCL7A blocking peptide |
| **Product Synonym Names** | B-cell CLL/lymphoma 7 protein family member A |
| **Host** | Synthetic |
| **Species Reactivity** | Human, Mouse, Rat |
| **Form/Format** | Lyophilized Powder |
| **Purity/Purification** | >85% |
| **Preparation and Storage** | Store at -20 degree C for one year. |
| **Molecular Weight** | 22,810 Da |
| **Chromosome Location** | Chromosome: 12; NC_000012.11 (122459861..122499950). Location: 12q24.13 |
| **OMIM** | 601406 |
| **Quality Control** | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry. |
| **Directions for Use** | Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4 degree C for overnight or at room temperature for 2 hours. |
| **Applications Tested/Suitable for BCL7A blocking peptide** | Blocking (BL) |
| **Related Product Information for BCL7A blocking peptide** | MBS8309585 is a blocking peptide targeting BCL7A. Reactive in Human, Mouse, Rat. Host: Synthetic. The peptide is used to block Anti-BCL7A Antibody reactivity. |
| **Other Notes** | Small volumes of BCL7A blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BCL7A. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 67190736 |
| **NCBI GeneID** | 605 |
| **NCBI Accession #** | NP_001019979.1 |
| **UniProt Primary Accession #** | Q4VC05 |
| **UniProt Secondary Accession #** | Q9CXE2 |
| **UniProt Related Accession #** | Q4VC05 |
| **GenBank Nucleotide #** | NM_001024808.1 |
| **NCBI Official Full Name** | B-cell CLL/lymphoma 7 protein family member A isoform b |
| **NCBI Official Synonym Full Names** | B-cell CLL/lymphoma 7A |

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| **NCBI Official Symbol** | BCL7A |
| **NCBI Official Synonym Symbols** | BCL7 |
| **UniProt Protein Name** | B-cell CLL/lymphoma 7 protein family member A |
| **Protein Family** | B-cell CLL/lymphoma 7 protein family |
| **UniProt Gene Name** | BCL7A |
| **UniProt Entry Name** | BCL7A_HUMAN |
| **NCBI Protein Information** | B-cell CLL/lymphoma 7 protein family member A; B-cell CLL/lymphoma-7 |
| **NCBI Summary for BCL7A** | 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. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for BCL7A** | Bcl-7A: Chromosomal aberrations involving BCL7A may be a cause of B-cell non-Hodgkin lymphoma. Three-way translocation t(8;14;12)(q24.1;q32.3;q24.1) with MYC and with immunoglobulin gene regions. Belongs to the BCL7 family. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Actin-binding<br><br>Chromosomal Location of Human Ortholog: 12q24.13<br><br>Biological Process: negative regulation of transcription, DNA-dependent |
| **Research Articles on BCL7A** | **1.** Report describes BCL7A protein expression in normal lymphoid tissues and lymphomas using immunohistochemistry. |
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