

BCL7A Human

Description: BCL7A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 233 amino acids (1-210 a.a.) and having a molecular mass of 25.2kDa (Molecular size on SDS-PAGE will appear higher). BCL7A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1325

For research use only.

Synonyms: B-cell CLL/lymphoma 7 protein family member A, BCL7A, BCL7.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMSGRSVR AETRSRAKDD
IKRVMAAIEK VRKWEKKWVT VGDTSLRIYK WVPVTEPKVD DKNKNKKKGK DEKCGSEVTT
PENSSSPGMM DMHDDNSNQS SIADASPIKQ ENSSNSSPAP EPNSAVPSDG TEAKVDEAQA
DGKEHPGAED ASDEQNSQSS MEHSMNSSEK VDRQPSGDSG LAAETSAISQ DLEGVPPSKK
MKLEASQQNS EE

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

BCL7A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol, 1mM DTT and 2mM EDTA.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

B-cell CLL/lymphoma 7A (BCL7A) is a member of the BCL7 family. BCL7A is directly involved, with Myc and IgH, in a three-way gene translocation in a Burkitt lymphoma cell line. Thru gene translocation, the N-terminal region of the BCL7A gene is disrupted, which is assumed to be connected to the pathogenesis of a subset of high-grade B cell non-Hodgkin lymphoma. The N-terminal portion involved in the translocation includes the region which shares a compelling sequence similarity with those of BCL7B and BCL7C. Chromosomal anomalies involving BCL7A may be a cause of B-cell non-Hodgkin lymphoma.

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