

Human BCL6 / B-cell CLL lymphoma 6 Protein (aa 1-150, Trx Tag)

Catalog Number: 12083-H30E



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

BCL5; BCL6A; LAZ3; ZBTB27; ZNF51

Protein Construction:

A DNA sequence encoding the human BCL6 (P41182) N-terminal fragment (Met 1-Met 150) was fused with a Trx and a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 92 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human BCL6/Trx fusion protein consisting of 309 amino acids and has a calculated molecular mass of 34.2 kDa. It migrates as an approximately 33 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20mM Tris, 10% glycerol, pH 8.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

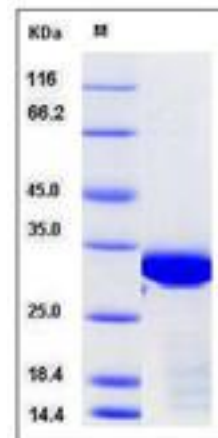
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

The protein encoded by this gene is an evolutionarily conserved 95-kDa protein containing six C-terminal zinc-finger motifs and an N-terminal POZ domain. It has been reported that BCL-6 is present in DNA-binding complexes in nuclear extracts from various B-cell lines. There are many relationships between non-Hodgkin's lymphoma, diffuse large cell lymphoma and BCL6's translocations. BCL6 can repress transcription from promoters linked to its DNA target sequence and this activity is dependent upon specific DNA-binding and the presence of an intact N-terminal half of the protein.

References

- 1.Ye BH, *et al.* (1997) The BCL-6 proto-oncogene controls germinal-centre formation and Th2-type inflammation. *Nature Genetics*. 16: 161-70.
- 2.Seyfert VL, *et al.* (1996) Transcriptional repression by the proto-oncogene BCL-6. *Oncogene*. 12 (11) : 2331-42.
- 3.Chang CC, *et al.* (1996) BCL-6, a POZ/zinc-finger protein, is a sequence-specific transcriptional repressor. *PNAS*. 93 (14): 6947-52.

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For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

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