

Recombinant Human BCL6 Protein, GST-tagged

Cat. No. BCL6-158H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human BCL6 protein with a GST-tag was expressed in E. coli

Species Human

Source E.coli

Description The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of STAT-dependent IL-4 responses of B cells. This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene.

Molecular Mass The protein has a calculated MW of 43 kDa.

AA Sequence

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MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY
YIDGDVKLTQSMARIYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKD FE
TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA
FPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSPEF
MASPADSCIQFTRHASDVLLNLNRLRSRDILT DVVIVVSREQFRAHKTVLMACSGLFY
SIFTDQLKCNLSVINLDPEINPEGFCILLDFMYTSRLNLREGNIMAVMATAMY LQMEH
VVDTCRKFIKASEAEMVSAIKPPREEFLNSRMLM
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.629 mg/mL
Storage Buffer	50mM Tris, 10mM GSH pH7.5

GENE INFORMATION

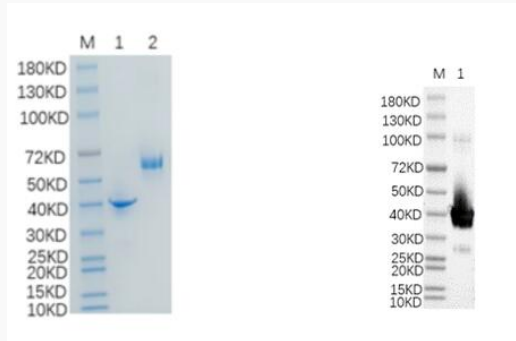
Gene Name	BCL6 B-cell CLL/lymphoma 6 [Homo sapiens (human)]
Official Symbol	BCL6
Synonyms	BCL6; B-cell CLL/lymphoma 6; zinc finger protein 51 , ZNF51; B-cell lymphoma 6 protein; BCL5; BCL6A; LAZ3; ZBTB27; BCL-5; BCL-6; protein LAZ-3; zinc finger protein 51; B-cell lymphoma 5 protein; B-cell lymphoma 6 protein transcript; zinc finger transcription factor BCL6S; cys-his2 zinc finger transcription factor; zinc finger and BTB domain-containing protein 27; lymphoma-associated zinc finger gene on chromosome 3; ZNF51;
Gene ID	604
mRNA Refseq	NM_001130845
Protein Refseq	NP_001124317
MIM	109565
UniProt ID	P41182

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SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified BCL6

1. BCL6
2. BSA

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