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	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSPEF MASPADSCIQFTRHASDVLLNLNRLRSRDILTDVVIVVSREQFRAHKTVLMACSGLFY SIFTDQLKCNLSVINLDPEINPEGFCILLDFMYTSRLNLREGNIMAVMATAMYLQMEH VVDTCRKFIKASEAEMVSAIKPPREEFLNSRMLM

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

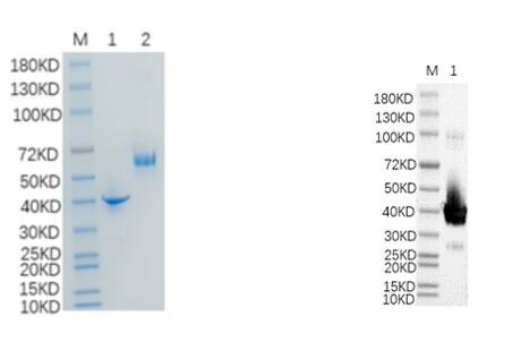
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.629 mg/mL
Storage Buffer	50mM Tris, 10mM GSH pH7.5

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

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

SDS-PAGE:



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

1. BCL6

2. BSA

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