Recombinant Human BCL6, GST-tagged

Cat. No. BCL6-10185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	183-532a.a.
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 START-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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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Gene Name	BCL6 B-cell CLL/lymphoma 6 [Homo sapiens]
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
Chromosome Location	3q27
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; FoxO family signaling, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Signaling events mediated by HDAC Class II, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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Function	chromatin DNA binding; chromatin binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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