

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	<p>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.</p>
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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