



Human BCL6 peptide (DAG-P1377)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Sep 2008]
Specificity	Expressed in germinal center T and B cells and in primary immature dendritic cells.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 BTB (POZ) domain.Contains 6 C2H2-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	BCL6 B-cell CLL/lymphoma 6 [Homo sapiens (human)]
Official Symbol	BCL6
Synonyms	BCL6; B-cell CLL/lymphoma 6; BCL5; LAZ3; BCL6A; ZNF51; ZBTB27; B-cell lymphoma 6

protein; 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;

Entrez Gene ID	604
mRNA Refseq	NM_001130845.1
Protein Refseq	NP_001124317.1
UniProt ID	P41182
Chromosome Location	3q27
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; FoxO family signaling, organism-specific biosystem; FoxO signaling pathway, 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; Transc
Function	chromatin DNA binding; chromatin binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;