Recombinant Full Length Human BCL6 Protein, C-Flag-tagged

Cat. No. BCL6-305HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BCL6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	1-706 aa
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	78.7 kDa
AA Sequence	MASPADSCIQFTRHASDVLLNLNRLRSRDILTDVVIVVSREQFRAHKTVLMACSGLFY SIFTDQLKCNLS VINLDPEINPEGFCILLDFMYTSRLNLREGNIMAVMATAMYLQMEH VVDTCRKFIKASEAEMVSAIKPPR EEFLNSRMLMPQDIMAYRGREVVENNLPLRSA

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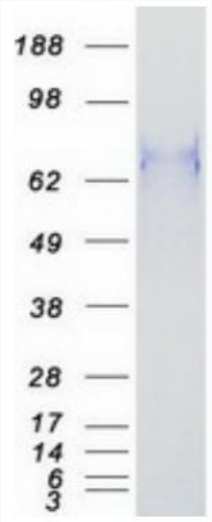
	PGCESRAFAPSLYSGLSTPPASYSMYSHLPVSSLLFSD EEFRDVRMPVANPFPKER ALPCDSARPVPGEYSRPTLEVSPNVCHSNIYSPKETIPEEARSDMHYSVAEG LKPA APSARNAPYFPCDKASKEEERPSSEDEIALHFEPPNAPLNRKGLVSPQSPQKSDCQ PNSPTESCSS KNACILQASGSPPAKSPTDPKACNWKKYKFIVLNSLNQNAKPEGPE QAELGRLSPRAYTAPPACQPPMEP ENLDLQSPTKLSASGEDSTIPQASRLNNIVNR SMTGSPRSSSESHSPLYMHPPKCTSCGSQSPQHAEMCL HTAGPTFPEEMGETQS EYSDSSCENGAFFCNECDCRFSEEASLKRHTLQTHSDKPYKCDRCQASFRYKGN L ASHKTVHTGEKPYRCNICGAQFNRPANLKTHTRIHSGEKPYKCETCGARFVQVAHL RAHVLIHTGEKPY PCEICGTRFRHLQTLKSHLRIHTGEKPYHCEKCNLHFRHKSQLR LHLRQKHGAITNTKVQYRVSATDLPP ELPKACTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	BCL6 BCL6 transcription repressor [Homo sapiens (human)]

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Official Symbol	BCL6
Synonyms	BCL5; LAZ3; BCL6A; ZNF51; ZBTB27
Gene ID	604
mRNA Refseq	NM_001706.5
Protein Refseq	NP_001697.2
MIM	109565
UniProt ID	P41182



Coomassie blue staining of purified BCL6 protein.

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