

Bcl-6-FC recombinant protein

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| Catalog No : | YD3035 |
| Reactivity : | Human; |
| Purity : | >90% as determined by SDS-PAGE |
| Gene Name : | BCL6 |
| Protein Name : | B-cell lymphoma 6 protein (BCL-6) (B-cell lymphoma 5 protein) (BCL-5) (Protein LAZ-3) (Zinc finger and BTB domain-containing protein 27) (Zinc finger protein 51) |
| Human Gene Id : | 604 |
| Human Swiss Prot No : | P41182 |
| Formulation : | Phosphate-buffered solution |
| Source : | Mammalian cells |
| Storage Stability : | -15°C to -25°C/1 year(Avoid freeze / thaw cycles) |
| Function : | Transcriptional repressor mainly required for germinal center (GC) formation and antibody affinity maturation which has different mechanisms of action specific to the lineage and biological functions. Forms complexes with different corepressors and histone deacetylases to repress the transcriptional expression of different subsets of target genes. Represses its target genes by binding directly to the DNA sequence 5'-TTCCTAGAA-3' (BCL6-binding site) or indirectly by repressing the transcriptional activity of transcription factors. In GC B-cells, represses genes that function in differentiation, inflammation, apoptosis and cell cycle control, also autoregulates its transcriptional expression and up-regulates, indirectly, the expression of some genes important for GC reactions, such as AICDA, through the repression of microRNAs expression, like miR155. An important function is to allow GC B |
| Subcellular Location : | Nucleus . |
| Expression : | Expressed in germinal center T- and B-cells and in primary immature dendritic cells. |

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