

Recombinant Mouse BCL6B Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51190

Size: 10ug, 100ug

Protein Name: B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein)

Synonym: Bcl6b, Bazf

UniProt ID: O88282

UniProt Link: www.uniprot.org/uniprotkb/O88282/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 474 AA

Molecular Weight: 51 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MGSTAAPEGALGYVREFTRHSSDVLSNLNELRLRGILTDVTLLVGGQPLRAHKAVLIACSGFFYSIFR
GRAGLGVDVLSLPGGPEARGFAPLLDFMYTSRLRLSPATAPAVLAAATYLQMEHVQACHRFIQAS
YEPLGISLRPVEVEPPRPPTVAPPGSPRRSEGHDPPTESRSCSQGSPSPASDPKACNWKYKFI
VLNSQTSQAGSLVGESSGQPCPQARLPSGDEACSSSSSSEEGTTPGLQSRLSLATTTARFKCGALA
NNSYLFTPRAQETSLPASKQANPPPGEFFSCQNCEAVAGCSSGLELLAPGDEDKPYKCQLCRSAF
RYKGNLASHRTVHTGEKPYRCSICGARFNRPANLKTSHSRIHSGEKPYKCETCGSRFVQVAHLRAHV
LIHTGEKPYPCPTCGTRFRHLQTLKSHVRIHTGEKPYHCDPCGLHFRHKSQRLRLHLRQKHGAATNTK
VRYHILGGP

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Acts as a sequence-specific transcriptional repressor in association with BCL6. Necessary for activation of naive T-cells to antigenic stimulation. May attenuate the regulatory effect of BCL6 on antigenic activation of naive CD4 T-cells by forming a heterodimer with BCL6.

Subcellular Localization: Nucleus.

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.