

Recombinant Mouse ZBT20 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51773

Size: 10ug, 100ug

Protein Name: Zinc finger and BTB domain-containing protein 20 (BTB/POZ domain zinc finger factor HOF) (Zinc finger protein 288)

Synonym: Zbtb20, Zfp288

UniProt ID: Q8K0L9

UniProt Link: www.uniprot.org/uniprotkb/Q8K0L9/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 741 AA

Molecular Weight: 81 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MLERKKPKTAENQKASEENEITQPGGSSAKPALPCLNFEAVLSPAPALIHSTHSLTNSHAHTGSSDC
DISCKGMTERIHSINLHNFSNSVLETLENEQRNRGHFCDTVRIHGSMRLAHRCVLAAGSPFFQDKLLL
GYSDIEIPSVSVQSVQKLIDFMYSGVLRVSQSEALQILTAASILQIKTVIDECTRIVSQNVGDVFPGIQ
DSGQDTPRGTPESGTSGQSSDTEGYLQSHQPQHSVDRIYSALYACSMQNGSGERSFYSGAVVSHH
ETALGLPRDHHMEDPSWITRIHERSQQMERYLSTTPETTHCRKQPRPVRIQTLVGNIHIKQEMEDDY
DYYGQQRVQILERNESEECTEDTDQAEGETESEPKGESFDSGVSSSIGTEPDSVEQQFGAAAPRDG
QAEPAPQPEQAAEAPAESSAQPNQLEPGASSPERSNESEMDNTVITVSNSDDKGVLLQPSVNTSIGQ
PLPSTQLYLRQTETLTSLNLRMPLTLTNTQVIGTAGNTYLPALFTTQPAGSGPKPFLFSLPQPLTGQQ
TQFVTVSQPGLSTFTAQLPAPQPLASSAGHSTASGQGDKKPYECTLCNKTFTAKQNYVKHMFVHTG
EKPHQCSICWRSFSLKDYLIKHMVTHTGVRAYQCSICNKRFTQKSSLNVHMLRHRGEKSYECYICKK
KFSHKTLLEHVALHSASNGTPPAGTPPGARAGPPGVVACTEGTTYVCSVCPAKFDQIEQFNDHMR
MHVSDG

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 Zinc finger and BTB domain-containing protein 20 (BTB/POZ domain zinc finger factor HOF) (Zinc finger protein 288) 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: May be a transcription factor that may be involved in hematopoiesis, oncogenesis, and immune responses (By similarity). Plays a role in postnatal myogenesis, may be involved in the regulation of satellite cells self-renewal (PubMed:27446912).

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.