

# Recombinant Mouse ZBT35 Protein

**For Research Use Only**

## 1. Basic Product Information

Catalog No.: REP51781

Size: 10ug, 100ug

Protein Name: Zinc finger and BTB domain-containing protein 35 (Zinc finger protein 131)

Synonym: Zbtb35, Zfp131

UniProt ID: Q8K3J5

UniProt Link: [www.uniprot.org/uniprotkb/Q8K3J5/entry](http://www.uniprot.org/uniprotkb/Q8K3J5/entry)

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 619 AA

Molecular Weight: 71 KD

Protein Tag: C-terminal His6

## 2. Amino Acid Sequence

MEAEETMECLQEFPEHHKMILDRLENEQREQDRFTDITLIVDGHFFKAHKAVLAACSKFFYKFFQEFT  
QEPLVEIEGVSKMAFRHLIEFTYTAKLMIQGEEDANDVWKAEEFLQMLEAIKALEVRNKEN SAPLEEN  
TTGKNEAKKRKIAETSNVITESLPSAESEPVEIEVEIAEGTIEVEDEGIEALEEMASAKQSIKIYIQTGSS  
DDSALALLADITSKYRQGESKGGQISEDDCASDPISKQVEGIEIVELQLSHVKDLFHCEKCNRSFKLFYH  
FKEHMKSHSTESFKCEICNKRYLRESAWKQHLNCYHLEEGGVSKKQRTGKKIHICQYCDKQFDHFG  
HFKEHLRKHTGEKPFECNCHERFARNSTLKCHLTACQTGVGAKKGRKKLYECQVCNSVFNSWDQ  
FKDHLVIHTGDKPNHCTLCDLWFMQGNELRRHLSDAHNISERIVTEEVLSVETHLQTEPVTSMTHIEQ  
VGKVHVLPLLQVQVDSAQVTVEQVHPDLLQDSQVHDSQMTGLPEQVQVSYLEVGRITQTEEGTEVH  
VEELHVERVNQMPVEVQTELEADLDHMTPEIMSQEEREPNHADAAMEEHEDAEGLETKPSEYSQA  
RKTENDRTSLPVLE

## 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 35 (Zinc finger protein 131) 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:** Transcription factor that plays a key role in immune cell development, particularly in T-cell maturation, mature T cell activation and early B-cell differentiation (PubMed:26136427, PubMed:29750959). It also contributes to embryonic development and organogenesis, and is involved in maintaining normal function of the adult central nervous system (PubMed:12163020). May be involved in transcriptional regulation as a repressor of ESR1/ER-alpha signaling (By similarity).

**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.