



Recombinant Mouse ATF4 Protein Product Manual

1. Product Basic Information

Product No.: REP06193

Protein Name: Dna-Binding Protein Taxreb67 (ATF4)

Aliases: CREB2; TXREB; CREB-TAXREB67; DNA-binding protein TAXREB67

UniProt ID: P18848

UniProt Link: <https://www.uniprot.org/uniprotkb/P18848/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-349aa)

Molecular Weight: 44.4 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-349aa)

MTEMSFLNSEVLGDLMSFPDQSGLGAEESLGLDDYLEVAKHLKPHGFSSDKAG
SSEWPAMDDGLASASDTGKEDAFSGTDWMLEKMDLKEFDALFRMDDLETMPD
ELLTTLDDTCDLFAPLVQETNKEPPQTVNPIGHLPESLIKVDQVAPFTFLQPFPCSPG
VLSSTPEHSFSLELGSEVDISEGDRKPDAAAYITLIPPCVKEEDTPSDNDSGICMSPE
SYLGSPQHSPSTSRAPPDNLSPGGSRGSPRPKYDPPGVSLTAKVKTEKLDKKLK
KMEQNKTAATRYRQKKRAEQEALTGECKELEKKNEALKEKADSLAKEIQYLKDLIEE
VRKARGKKRVP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse ATF4 full length protein (1-349aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ATF4, also known as CREB2 or TXREB or CREB-TAXREB67, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.