

Recombinant Human TCF7 Protein Product Manual

1. Product Basic Information

Product No.: REP08410

Protein Name: T-Cell-Factor-Transcription Factor T-Cell-Specific Transcription Factor Transcription Factor 7 (T-Cell Specific, Hmg-Box (TCF7))

Aliases: T-cell-factor-transcription factor T-cell-specific transcription factor transcription factor 7 (T-cell specific, HMG-box)

UniProt ID: P36402

UniProt Link: <https://www.uniprot.org/uniprotkb/P36402/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Isoform 4L (1-384aa)

Molecular Weight: 49.1 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-384aa)

MPQLDSGGGGAGGGDDLGAPEDELLAFQDEGEEQDDKSRDSAAGPERDLAELKSS
LVNESEGAAGGAGIPGVPGAGAGARGEAEALGREHAAQRLFPDKLPEPLEDGLKA
PECTSGMYKETVYSAFNLLMHYPPPSGAGQHPQPPLHKANQPPHGVPLSLYE
HFNSPHPTPAPADISQKQVHRPLQTPDLSGFYSLTSGSMGQLPHTVSWFTHPSLML
GSGVPGHPPAIPHPAIVPPSGKQELQPFDRNLKTQAESKAEKEAKKPTIKKPLNAFM
LYMKEMRAKVIAECTLKESAAINQILGRRWHALSREEQAKYYELARKERQLHMQLY
PGWSARDNYGKKKRRSREKHQESTTETNWPRELKDGNGQESLSMSSSSSPA

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

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 Human TCF7 full length of isoform 4l protein (1-384aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. TCF7, also known as T-cell-factor-transcription factor T-cell-specific transcription factor transcription factor 7 (T-cell specific, HMG-box, 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.