



Recombinant Human CD7 Protein Product Manual

1. Product Basic Information

Product No.: REP06395

Protein Name: Leu-P41 Protein (CD7)

Aliases: GP40; TP41; Tp40; LEU-p41 protein; CD7 molecule; CD7 antigen (p41); T-cell antigen CD7; T-cell leukemia antigen; T-cell surface antigen Leu-9

UniProt ID: P09564

UniProt Link: <https://www.uniprot.org/uniprotkb/P09564/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Extracellular Domain (26-180aa)

Molecular Weight: 18.4kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (26-180aa)

AQEVQQSPHCTTVPVGASVNITCSTSGGLRGIYLRQLGPQPQDIYYEDGVVPTTDR
RFRGRIDFSGSQDNLTITMHLRLQLSDTGTYTCAITEVNVYGSGLVLVTEEQSQG
WHRCSDAPPRASALPAPPTGSALPDPQTASALPDPPAASALP

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 CD7 extracellular domain protein (26-180aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CD7, also known as GP40 or TP41 or Tp40, 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.