



Recombinant Human DCTN3 Protein Product Manual

1. Product Basic Information

Product No.: REP06643

Protein Name: Dynactin 3 (P22) (DCTN3)

Aliases: DCTN22; DCTN-22; dynactin 3 (p22); dynactin subunit dynactin light chain; dynactin complex subunit 22 kDa subunit

UniProt ID: O75935

UniProt Link: <https://www.uniprot.org/uniprotkb/O75935/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein of Isoform 2 (2-176aa)

Molecular Weight: 35.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (2-176aa)

AGLTDLQRLQARVEELERWVYGPGGARGSRKVADGLVKVQVALGNISSKRERVKIL
YKKIEDLIKYLDPEYIDRIAIPDASKLQFILAEQFILSQVALLEQVNALVPMMLDSAHKA
VPEHAARLQRLAQIHQQAPWGVGVGRDEAGSLVEDVGFAQFLSVLHFGPTGPVC
GNH

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

5. Product Description

This product is a recombinant Human DCTN3 full length of mature protein of isoform 2 protein (2-176aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. DCTN3, also known as DCTN22 or DCTN-22 or dynactin 3 (p22), 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.