



Recombinant Human DCP1B Protein Product Manual

1. Product Basic Information

Product No.: REP06639

Protein Name: Decapping Mrna 1B (DCP1B)

Aliases: decapping mRNA 1B; decapping enzyme hDcp1b; mRNA-decapping enzyme 1B; DCP1 decapping enzyme homolog B

UniProt ID: Q8IZD4

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8IZD4/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (2-617aa)

Molecular Weight: 69.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-617aa)

AAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVEG
TLFVYTRSASPKHGFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWYF
DKEECQRIAEMLMKNLTQYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIAKDEYT
KCKTCSEPKKITSSSAIYDNPNIKPIPVKPSSENQQQRIPQPNQTLTDEPQHLSLTAL
FGKQDKATCQETVEPPQTLHQQQQQQQQQKEKLPIRQGVVRSLSYEEPRRHSPPI
EKQLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHNIGT
SRGVQNASRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPG
KGLAQPPQAYFNGSLPPQTVGHQAHGREQSTLPRQTLPISGSQTGSSGVISPQELL
KKLQIVQQEQQLHASNRPALAAKFPVLAQSSGTGKPLESWINKTPNTEQQQTPLFQVI
SPQRIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATSLLLPIQSP
EPSVITSSPLTKLQLQEALLYLIQNDDNFLNIIYEAYLFSMTQAAMKKT

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).



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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 DCP1B full length of mature protein protein (2-617aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DCP1B, also known as decapping mRNA 1B or decapping enzyme hDcp1b or mRNA-decapping enzyme 1B, 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.