

Recombinant Human DCP1B Protein (2-617 aa), His-tagged

Cat. No. DCP1B-2075H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCP1B Protein (2-617 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-617 aa
Description	May play a role in the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. May remove the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	69.6 kDa
AA Sequence	AAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVEGT LFVYTRSASPKHGFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWFYD KEECQRIAELMKNLTQYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIAKDEYTK CKTCSEPKKITSSSAIYDNPNIKPIPVKPSSENQQQRIPQPNQTLDPPEQHLSLTALFG KQDKATCQETVEPPQTLHQQQQQQQQQQEKLPQRQGVVRSLSYEEPRRHSPPIEK QLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHNIGTSR GVQNASRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPGKGL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AQPPQAYFNGSLPPQTVGHQAHGREQSTLPRQTLPISGSQTGSSGVISPQELLKKL
 QIVQQEQQLHASNRPALAAKFPVLAQSSGTGKPLESWINKTPNTEQQTPLFQVISPO
 RIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATSLLLPIQSPEPS
 VITSSPLTKLQLQEALLYLIQNDDNFLNIIYEAYLFSMTQAAMKKTM

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name DCP1B DCP1 decapping enzyme homolog B (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol DCP1B

Synonyms DCP1B; FLJ31638; decapping enzyme hDcp1b; DCP1; hDcp1b;

Gene ID 196513

mRNA Refseq NM_152640

Protein Refseq NP_689853

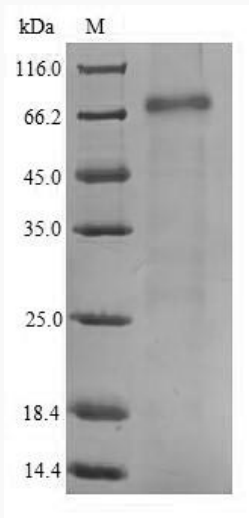
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MIM 609843

UniProt ID Q8IZD4



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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