

Recombinant Human DCP1B Protein (2-617 aa), His-B2M-tagged

Cat. No. DCP1B-2731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCP1B Protein (2-617 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis-B2M tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
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 (By similarity).
Form	Tris-based buffer,50% glycerol
Molecular Mass	81.6 kDa
AA Sequence	AAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVEGT LFVYTRSASPKHGFTIMNRLSMENRTEPITKDLDLDFQLQDPFLLYRNARLSIYGIWFYD KEECQRIAELMKNLTQYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIAKDEYTK CKTCSEPKKITSSSAIYDNPNIKPIPVKPSSENQQQRIPQPNQTLDPPEQHLSLTALFG

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KQDKATCQETVEPPQTLHQQQQQQQQQEKLPQRQGVVRSLSYEEPRRHSPPIEK
 QLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHNIGTSR
 GVQNASRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPGKGL
 AQPPQAYFNGSLPPQTVGHQAHGREQSTLPRQTLPISGSQTGSSGVISPQELLKKL
 QIVQQEQQLHASNRPALAAKFPVLAQSSGTGKPLESWINKTPNTEQQTPLFQVISPQ
 RIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATSLLLPIQSPEPS
 VITSSPLTKLQLQEALLYLIQNDNLFNIIYEAYLFSMTQAAMKKT

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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

Official Symbol DCP1B

Synonyms DCP1B; mRNA-decapping enzyme 1B; FLJ31638; decapping enzyme hDcp1b; DCP1; hDcp1b;

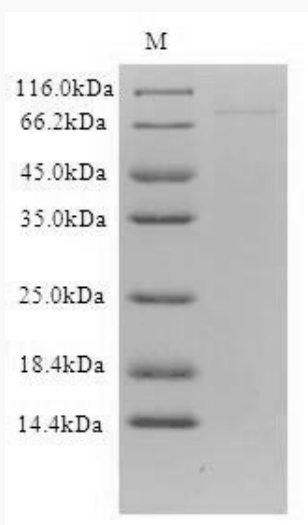
Gene ID 196513

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mRNA Refseq	NM_152640
Protein Refseq	NP_689853
MIM	609843
UniProt ID	Q8IZD4



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

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