

Recombinant Human DCP1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DCP1B-3289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DCP1B MS Standard C13 and N15-labeled recombinant protein (NP_689853) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a family of proteins that function in removing the 5' cap from mRNAs, which is a step in regulated mRNA decay. This protein localizes to cytoplasmic foci which are the site of mRNA breakdown and turnover. Alternative splicing results in multiple transcript variants.
Molecular Mass	67.8 kDa
AA Sequence	MAAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVE GTLFVYTRSASPKHGFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWF YDKEECQRIAEMLMKNLTQYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIAKDEY TKCKTCSEPKKITSSSAIYDNPNIKPIPVKPSNQQRIPQPNQTLDPPEQHLSLTAL FGKQDKATCQETVEPPQTLHQQQQQQQQQQEQKLPIRQGVVRSLSYEEPRRHSP PIEKQLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHNIG TSRGVQNASRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPG KGLAQPPQAYFNGSLPPQTVGHQAHGREQSTLPRQTLAISGSQTGSSGVISPQELL KKLQIVQQEQQLHASNRPALAAKFPVLAQSSGTGKPLESWINKTPNTEQQQTPLFQVI

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SPQRIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATSLLLPIQSP
EPSVITSSPLTKLQLQEALLYLIQNDDNFLNIIYEAYLFSMTQAAMKKTMTTRTRPLEQK
LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DCP1B decapping mRNA 1B [Homo sapiens (human)]

Official Symbol DCP1B

Synonyms DCP1B; DCP1 decapping enzyme homolog B (S. cerevisiae); mRNA-decapping enzyme 1B; FLJ31638; decapping enzyme hDcp1b; DCP1; hDcp1b;

Gene ID 196513

mRNA Refseq NM_152640

Protein Refseq NP_689853

MIM 609843

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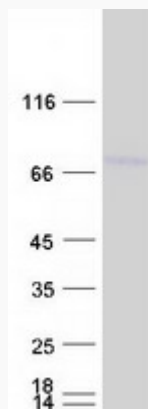
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UniProt ID

Q8IZD4

SDS-PAGE

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