

Recombinant Full Length Human DCP1B Protein, C-Flag-tagged

Cat. No. DCP1B-878HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DCP1B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.5 kDa
AA Sequence	MAAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVE GTLFVYTRSASPKH GFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWF YDKEECQRIAELMKNLTQYEQLKAHQ GTGAGISPVILNSGEGKEVDILRMLIKAKDE YTKCKTCSEPKKITSSSAIYDNPNIKPIPVKPSENQQQ RIPQPNQTLDPPEQHLSLT ALFGKQDKATCQETVEPPQTLHQQQQQQQQQQEQKLPIRQGVVRSLSYEER RRH SPPIEKQLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHN IGTSRGVQNA SRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVA PGKGLAQPPQAYFNGSLPPQTVGH QAHGREQSTLPRQTLAISGSQTGSSGVISPQ

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ELLKKLQIVQQEQQLHASNRPALAAKFPVLAQSSGTGKP LESWINKTPNTEQQTPLF
 QVISPPQRIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATS
 LLLPIQSPEPSVITSSPLTKLQLQEALLYLIQNDDNFLNIIYEAYLFSMTQAAMKKTMTTR
 TRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	RNA degradation
Full Length	Full L.

GENE INFORMATION

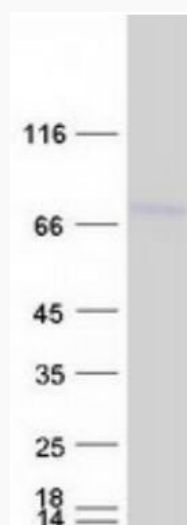
Gene Name	DCP1B decapping mRNA 1B [Homo sapiens (human)]
Official Symbol	DCP1B
Synonyms	DCP1
Gene ID	196513

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mRNA Refseq	NM_152640.5
Protein Refseq	NP_689853.3
MIM	609843
UniProt ID	Q8IZD4



Coomassie blue staining of purified DCP1B protein.