

Recombinant Human DCP1B Protein, GST-tagged

Cat. No. DCP1B-2401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DCP1B full-length ORF (AAH43437, 1 a.a. - 618 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2016]
Molecular Mass	93.72 kDa
AA Sequence	MAAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVE GTLFVYTRSASPKHGFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWF YDKEECQRIAEMLMKNLTQYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIKAKDEY TKCKTCSEPKKITSSSAIYDNPNIKPIPVKPSENQQQRIPQPNQTLDPPEQHLSLTAL FGKQDKATCQETVEPPQTLHQQQQQQQQQQKEKLPIRQGVVRSLSYEEPRRHSP PIEKQLCPAIQKLMVRSADLHPLSELPENRPCENGSTHSAGEFFTGPVQPGSPHNIG TSRGVQNASRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPG KGLAQPPQAYFNGSLPPQTVGHQAHGREQSTLPRQTLAISGSQTGSSGVIS PQELL KKLQIVQQEQQLHASNRPALAAKFPVLAQSSGTGKPLESWINKTPNTEQQQTPLFQVI SPQRIPATAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPPAAATSLLLPIQSP

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EPSVITSSPLTKLQLQEALLYLIQNDDNFLNIIYEAYLFSMTQAAMKKTM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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

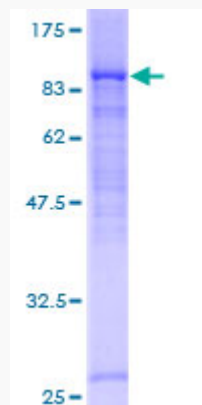
UniProt ID

Q8IZD4

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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