

Product datasheet for **TP307398L**

DCP1B (NM_152640) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DCP1 decapping enzyme homolog B (<i>S. cerevisiae</i>) (DCP1B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207398 protein sequence Red=Cloning site Green=Tags(s)

MAAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVEGTLFVYTRSASPKH
GFTIMNRLSMENRTEPITKDLDFQLQDPFLLYRNARLSIYGIWFDYDKEECQRIAEMLMKNLTQYEQLKAHQ
GTGAGISPVILNSGEGKEVDILRMLIKAKDEYTKCKTCEPKKITSSSAIYDNPNIKPIPVKPSENQQQ
RIPQPNQTLDPEPQHLSLTALFGKQDKATCQETVEPPQTLHQQQQQQQQQQEQKLPVIRQGVVRSLSYEPP
RRHSPPIEKQLCPAIQKLMVRSADLHPLSELNRPCEGTHSAGEFFTPVQPGSPHNIGTSRGVQNA
SRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSTVTPVAPGKGLAQPPQAYFNGSLPPQTVGH
QAHGREQSTLPRQTLAISGSQTGSSGVISPELLKQLQIVQQEQQLHASNRPALAAKFPVLAQSSGTGKP
LESWINKTPNTEQQTPLFQVISPQRIPATAAPSLLMSPMVFAQPTSVPKRESGLLPVGGQEPAAATS
LLLPIQSPEPSVITSSPLTKLQEQEALLYLIQNDNFLNIIYEAYLFSMTQAAMKTM

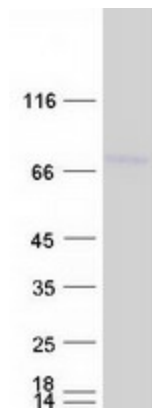
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_689853</u>
Locus ID:	196513
UniProt ID:	<u>Q8IZD4</u>
RefSeq Size:	2105
Cytogenetics:	12p13.33
RefSeq ORF:	1854
Synonyms:	DCP1
Summary:	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]
Protein Pathways:	RNA degradation

Product images:

Coomassie blue staining of purified DCP1B protein (Cat# [TP307398]). The protein was produced from HEK293T cells transfected with DCP1B cDNA clone (Cat# [RC207398]) using MegaTran 2.0 (Cat# [TT210002]).