

## Product datasheet for PH307398

### DCP1B (NM\_152640) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DCP1B MS Standard C13 and N15-labeled recombinant protein (NP_689853)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207398
Predicted MW:	67.8 kDa
Protein Sequence:	>RC207398 protein sequence Red=Cloning site Green=Tags(s)

MAVAAGGLVGKGRDISLAALQRHDPYINRIVDVASQVALYTFGHRANEWEKTDVEGTLFVYTRSASPKH  
GFTIMNRLSMENRTEPITKDLDFLQDPFLLYRNARLSIYGIWFYDKEECQRIAEMLKMLTQYEQKKAHQ  
GTGAGISPVILNSGEGKEVDILRMLIKAKDEYTKCKTCSEPKKITSSSAIYDNPMLIKPIPVKPSNQ  
RIPQPNQTLDPPEQHLSLTALFGKQDKATCQETVEPPQTLHQQQQQQQQQEKLPIRQGVVRSLSYEEP  
RRHSPIEKQLCPAIQKLMVRSADLHPLSELNRPCEGSGTHSAGEFFTGPVQPGSPHNIIGTSRGVQNA  
SRTQNLFEKLQSTPGAANKCDPSTPAPASSAALNRSRAPTSVTPVAPGKGLAQPQAYFNGSLPPQTVGH  
QAHGREQSTLPRQTLAISGSQTGSSGVI SPQELLKQLI VQEQQLHASNRPALAAKFPVLAQSSGTGKP  
LESWINKTPNTEQQTPLFQVISQRIPTAAPSLLMSPMVFAQPTSVPPKERESGLLPVGGQEPAAATS  
LLLPIQSPPEPSVITSSPLTKLQLEALLYLIQNDNFLNIIEAYLF SMTQAAMKKT M

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_689853</a>
RefSeq Size:	2105
RefSeq ORF:	1854



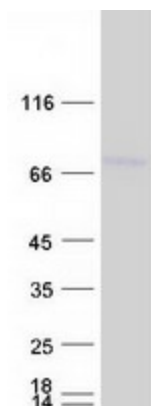
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**Synonyms:** DCP1  
**Locus ID:** 196513  
**UniProt ID:** [Q8IZD4](#)  
**Cytogenetics:** 12p13.33

**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]).