

## Product datasheet for **TP301330M**

### DCP1A (NM\_018403) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DCP1 decapping enzyme homolog A ( <i>S. cerevisiae</i> ) (DCP1A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201330 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEALSRAGQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVYRRSASPYHGFTIV  
NRLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSIWFDKNDCHRIAKLMADVVEETRRSQQAARDK  
QSPSQANGCSDHRPIDILEMLSRKDEYERNQMGDSNISSPLQPSQLSNLSTETLEEMPSGSQDKSA  
PSGHKHLTVEELFGTSLPKEQPAVVGDLSEEMERLPGDASQKEPNSFLPFPEQLGGAPQSETLGVPSSAA  
HHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLPAEAPTAQVPPSLPRNSTMMQAVKTTTPR  
QRSPLLNQVPPELSHASLIANQSPFRAPLNVNTAGTSLPSVDLLQKRLTPQHDQIQTPQLGKGMVAS  
FSPAAGQLATPESFIEPPSKTAAARVAASASLSNMVLAPLQSMQONQDPEVFVQPKVLSAIPVAGAPLV  
TATTTAVSSVLLAPSVFQQTVTRSSDLERKASSPSPLTIGTPESQRKPSIILSKSQLQDTLIHLIKNDSS  
FLSTLHEVYLQVLTKNKDNHNL

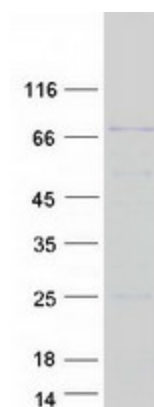
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	63.1 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060873</a>
<b>Locus ID:</b>	55802
<b>UniProt ID:</b>	<a href="#">Q9NPI6</a>
<b>RefSeq Size:</b>	6027
<b>Cytogenetics:</b>	3p21.1
<b>RefSeq ORF:</b>	1746
<b>Synonyms:</b>	HSA275986; Nbla00360; SMAD4IP1; SMIF
<b>Summary:</b>	Decapping is a key step in general and regulated mRNA decay. The protein encoded by this gene is a decapping enzyme. This protein and another decapping enzyme form a decapping complex, which interacts with the nonsense-mediated decay factor hUpf1 and may be recruited to mRNAs containing premature termination codons. This protein also participates in the TGF-beta signaling pathway. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2014]
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	RNA degradation

**Product images:**

Coomassie blue staining of purified DCP1A protein (Cat# [TP301330]). The protein was produced from HEK293T cells transfected with DCP1A cDNA clone (Cat# [RC201330]) using MegaTran 2.0 (Cat# [TT210002]).