

Product datasheet for TP301330L

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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201330 protein sequence Red=Cloning site Green=Tags(s)

MEALSRAGQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVYRRSASPYHGFTIV
NRLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSIWFDKNDCHRIAKLMADVVEETRRSQQAARDK
QSPSQANGCSDHRPIDILEMLSRKDEYERNQMGDSNISSPGLQPSTQLSNLSTETLEEMPSGSQDKSA
PSGHKHLTVEELFGTSLPKEQPAVVGDLSEEMERLPGDASQKEPNSFLPFPEQLGGAPQSETLGVPSAA
HHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLPAEAPTAQVPPSLPRNSTMMQAVKTTPR
QRSPLLNQVPELSHASLIANQSPFRAPLNVNTAGTSLPSVDLLQKRLTPQHDQIQTPQLGKGAMVAS
FSPAAGQLATPESFIEPPSKTAAARVAASASLSNMVLAPLQSMQONQDPEVQPKVLSAIPVAGAPLV
TATTTAVSSVLLAPSVFQQTVTRSSDLERKASSPSPLTIGTPESQRKPSIILSKSQLQDTLIHLIKNDSS
FLSTLHEVYLQVLTKNKDNHNL

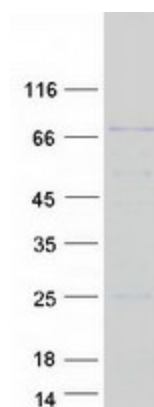
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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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:	NP_060873
Locus ID:	55802
UniProt ID:	Q9NPI6
RefSeq Size:	6027
Cytogenetics:	3p21.1
RefSeq ORF:	1746
Synonyms:	HSA275986; Nbla00360; SMAD4IP1; SMIF
Summary:	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]
Protein Families:	Transcription Factors
Protein Pathways:	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]).