



# Recombinant Human mRNA-decapping enzyme 1A (DCP1A)

<b>Product Code</b>	CSB-MP885684HU
<b>Abbreviation</b>	DCP1A
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NPI6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEALSRAGQE MSLAALKQHD PYITSIADLT GQVALYTFCP KANQWEKTDI EGTLFVYRRS ASPYHGFTIV NRLNMHNLVE PVNKDLEFQL HEPFLLYRNA SLSIYSIWFY DKNDCHRIAK LMADVVEEET RRSQQAARDK QSPSQANGCS DHRPIDILEM LSRKDEYER NQMGDSNISS PGLQPSTQLS NLGSTETLEE MPSGSQDKSA PSGHKHLTVE ELFGTSLPKE QPAVVGDLSE EMERLPGDAS QKEPNSFLPF PFEQLGGAPQ SETLGVP SAA HHSVQPEITT PVLITPASIT QSNEKHAPTY TIPLSPVLSP TLP AEAPTAQ VPPSLPRNST MMQAVKTTTPR QRSPLL NQPV PELSHASLIA NQSPFRAPLN VTNTAGTSLP SVDLLQKLRL TPQHDQIQ TQ PLGKGAMVAS FSPAAGQLAT PESFIEPPSK TAAARVAASA SLSNMVLAPL QSMQQNQDPE VFVQPKVLSS AIQVAGAPLV TATTTAVSSV LLAPSVFQQT VTRSSDLERK ASSPSLTIG TPESQRKPSI ILSKSQLQDT LIHLIKNDSS FLSTLHEVYL QVLTKNKDNH NL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DCP1A
<b>Protein Names</b>	Recommended name: mRNA-decapping enzyme 1A EC= 3.-.- Alternative name(s): Smad4-interacting transcriptional co-activator Transcription factor SMIF
<b>Expression Region</b>	1-582
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	Decapping is a key step in general and regulated mRNA decay. This protein 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.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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