



Recombinant Human mRNA-decapping enzyme 1A (DCP1A)

Product Code	CSB-YP885684HU
Abbreviation	DCP1A
Storage	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.
Uniprot No.	Q9NPI6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEALS RAGQE MSLAALKQHD PYITSIADLT GQVALYTFCP KANQWEKTDI EGTLFVYRRS ASPYHGFTIV NRLNMHNLVE PVNKDLEFQL HEPFLLYRNA SLSIYSIWFY DKNDCHRIAK LMADVVEEET RRSQQAARDK QSPSQANGCS DHRPIDILEM LSRKDEYER NQMGDSNISS PGLQPSTQLS NLGSTETLEE MPSGSQDKSA PSGHKHLTVE ELFGTSLPKE QPAVVGLDSE EMERLPGDAS QKEPNSFLPF PFEQLGGAPQ SETLGVP SAA HHSVQPEITT PVLITPASIT QSNEKHAPTY TIPLSPVLSP TLP AEAPTAQ VPPSLPRNST MMQAVKTTPR 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
Source	Yeast
Target Names	DCP1A
Protein Names	Recommended name: mRNA-decapping enzyme 1A EC= 3.-.- Alternative name(s): Smad4-interacting transcriptional co-activator Transcription factor SMIF
Expression Region	1-582
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.



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.

Shelf Life

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.