



Recombinant Human mRNA-decapping enzyme 1A (DCP1A)

Product Code	CSB-EP885684HU
Relevance	Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFB1.
Abbreviation	Recombinant Human DCP1A protein
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
Alias	Smad4-interacting transcriptional co-activator Transcription factor SMIF
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEALSRAQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGT LFVYRRSASPYHGFTIVNRLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSI WFYDKNDCHRIAKLMADVVEEETRRSQQAARDKQSPSQANGCSDHRPIDILE MLSRKDEYERNQMGDSSNISSPGLQPSTQLSNLGSTETLEEMPSGSQDKSAP SGHKHLTVEELFGTSLPKEQPAVVGLDSEEMERLPGDASQKEPNSFLPFPFE QLGGAPQSETLGVPSAAHHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVL SPTLP AEAPTAQVPPSLPRNSTMMQAVKTTTPRQRSPLLNQPVPELSHASLIAN QSPFRAPLNVTNTAGTSLPSVDLLQKLRLTPQHDIQTQPLGKGAMVASFSPA AGQLATPESFIEPPSKTAAARVAASASLSNMVLAPLQSMQQNQDPEVQPK VLSSAIQVAGAPLVTATTTAVSSVLLAPSVFQQTVTRSSDLERKASSPSPLTIGT PESQRKPSIILSKSQLQDTLIHLIKNDSSFLSTLHEVYLQVLTKNKDNHNL
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
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	1-582aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

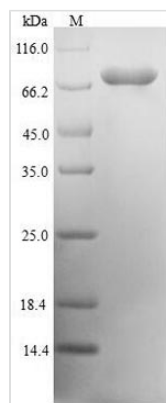


Tag Info N-terminal 6xHis-tagged

Mol. Weight 67.3kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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