

Recombinant Human DCP1A Protein, His-tagged

Cat. No. DCP1A-291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCP1A Protein(NP_060873)(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MEALSRAQGEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVY RRSASPYHGFTIVNRLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSIWFDKND CHRIAKLMADVVEEETRRSQQAARDKQSPSQANGCSDHRPIDILEMLSRAKDEYER NQMGDSNISSPGLQPSTQLSNLGSTETLEEMPSGSQDKSAPSGHKHLTVEELFGTS LPKEQPAVVGLDSEEMERLPGDASQKEPNSFLPFPFEQLGGAPQSETLGVPAAHH SVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLPAAEPTAQVPPSLPRNSTM MQAVKTTTPR
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	DCP1A DCP1 decapping enzyme homolog A (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	DCP1A
Synonyms	DCP1A; DCP1 decapping enzyme homolog A (<i>S. cerevisiae</i>); mRNA-decapping enzyme 1A; HSA275986; SMAD4IP1; SMIF; decapping enzyme hDcp1a; transcription factor SMIF; putative protein product of Nbla00360; Smad4-interacting transcriptional co-activator; Nbla00360; FLJ21691;
Gene ID	55802
mRNA Refseq	NM_018403
Protein Refseq	NP_060873
MIM	607010

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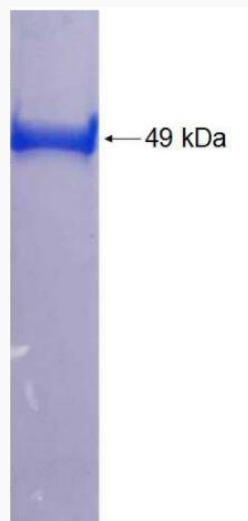
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UniProt ID

Q9NPI6

SDS-PAGE

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