



Recombinant Human DCP1A Protein Product Manual

1. Product Basic Information

Product No.: REP06638

Protein Name: Decapping Mrna 1A (DCP1A)

Aliases: SMIF; SMAD4IP1; HSA275986; Nbla00360; decapping mRNA 1A; decapping enzyme hDcp1a; mRNA-decapping enzyme 1A; transcription factor SMIF; Smad4-interacting transcriptional co-activator

UniProt ID: Q9NPI6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NPI6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-582aa)

Molecular Weight: 67.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-582aa)

MEALS RAGQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVY
RRSASPYHGFTIVNRLNMHNLVEPVNKLDFQLHEPFLLYRNASLSIYSIWFDKND
CHRIAKLMADVVEEETRRSQQAARDKQSPSQANGCSDHRPIDILEMLSRKDEYER
NQMGDSNISSPGLQPSTQLSNL GSTETLEEMPSGSQDKSAPSGHKHLTVEELFGT
SLPKEQPAVVGLDSEEMERLPGDASQKEPNSFLPFPFEQLGGAPQSETLGVPSAA
HHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLP AEAPTAQVPPSLPRNS
TMMQAVKTTTPRQRSPLLNQPVPELSHASLIANQSPFRAPLNVNTAGTSLPSVDLL
QKLRLTPQHDIQTQPLGKGAMVASFSPAAGQLATPESFIEPPSKTAAARVAASASL
SNMVLAPLQSMQQNQDPEVFVQPKVLSSAIQVAGAPLVTATTTAVSSVLLAPSVFQ
QTVTRSSDLERKASSPSPLTIGTPESQRKPSIILSKSQLQDTLIHLIKNDSSFLSTLHE
VYLQVLTKNKDNHNL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements)

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human DCP1A full length protein (1-582aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DCP1A, also known as SMIF or SMAD4IP1 or HSA275986, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.