

## Recombinant Human DCPS protein(1-337 aa), His-tagged

Cat. No. DCPS-11862H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DCPS protein(1-337 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-337 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MADAAPQLGKRKRELDVEEAHAASTEKEAGVGNGTCPVRLPFSGFRLQKVLRE SARDKIIFLHGKVNEASEDGDGEDAVVILEKTPFQVEQVAQLLTGSPELQLQFSNDIY STYHLFPPRQLNDVKTTVVYPATEKHLQKYLRQDLRLIRETGDDYRNITLPHLESQSL SIQWVYNILDKKAADRIVFENPDPSDGFVLIPDLKWNQQQLDDLYLIAICHRRGIRSL RDLTPEHLPLLRNILHQQQEAILQRYRMKGDHLRVYLHYLPSYYHLHVHFTALGFEA PGSGVERAHLAEVIENLECDPRHYQQRTLTALRADDPLLKLLQEAQQS
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

### Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

## GENE INFORMATION

**Gene Name** [DCPS decapping enzyme, scavenger \[ Homo sapiens \]](#)

**Official Symbol** [DCPS](#)

### Synonyms

DCPS; HSL1; HINT-5; HSPC015; decapping enzyme, scavenger ; scavenger mRNA-decapping enzyme DcpS; DCS-1; OTTHUMP00000231113; mRNA decapping enzyme; heat shock-like protein 1; histidine triad protein member 5; hint-related 7meGMP-directed hydrolase; homolog of C. elegans 7meGMP-directed hydrolase dcs-1; EC 3

**Gene ID** [28960](#)

**mRNA Refseq** [NM\\_014026](#)

**Protein Refseq** [NP\\_054745](#)

**MIM** [610534](#)

**UniProt ID** [Q96C86](#)

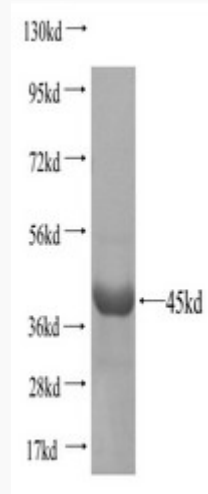
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SDS-PAGE



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