

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

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

SPECIFICATION

Product Overview	Recombinant Human DCPS protein(1-337 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-337 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MADAAPQLGKRKRELDVEEAHAASTEKEAGVGNGTCAVRLPFSGFRLQKVLRE SARDKIIFLHGKVNEASEDGDGEDAVVILEKTPFQVEQVAQLLTGSPELQLQFSNDIY STYHLFPPRQLNDVKTTVVYPATEKHLQKYLRQDLRLIRETGDDYRNITLPHLESQSL SIQWVYNILDKKAEADRVFENPDPSDGFVLIPDLKWNQQQLDDLYLIAICHRRGIRSL RDLTPEHLPLLRNHLHQQQEAILQRYRMKGDHLRVYLHYLPSYYHLHVHFTALGFEA PGSGVERAHLAEVLENLECDPRHYQQRTLTALRADDPLLKLLQEAQQS
Purity	90%, 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, 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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