

## Recombinant Human DCPS protein(7-160 aa), GST-tagged

Cat. No. DCPS-11863H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human DCPS protein(7-160 aa), fused with N-terminal GST tag, was expressed in E.coli.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 7-160 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | QLGKRKRELDVEEAHAASTEKEAGVGNGTCAVRLPFSGFRLQKVLRESARDKIIF<br>LHGKVNEASEDGDGEDAVVILEKTPFQVEQVAQLLTGSPELQLQFSNDIYSTYHLFP<br>PRQLNDVKTTVVYPATEKHLQKYLRQDLRLIRETGDDYRN   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>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 repeat freeze-thaw cycles.                            |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.   |

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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

**SDS-PAGE**

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