

## Recombinant Dog DCPS Protein, GST-tagged

Cat. No. DCPS-08D Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog DCPS protein with a GST-tag was expressed in E. coli
<b>Species</b>	Dog
<b>Source</b>	E.coli
<b>Description</b>	Decapping scavenger enzyme that catalyzes the cleavage of a residual cap structure following the degradation of mRNAs by the 3'->5' exosome-mediated mRNA decay pathway.
<b>Molecular Mass</b>	The protein has a calculated MW of 71kDa.
<b>AA Sequence</b>	<p>MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY  YIDGDVKLTQSMARIYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE  TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA  FPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGQWQATFGGGDHPKSDLVPRGSPEF  MSGVVVPAPGPSGAGPRLVLAHVVGSCSPRALAGRGRGWGWRRTAPAGQHGGP  SPSTRQAKARTGRRGGGHGPRASGRREWYLRPGAVTVLRLQSGKSAEGVREGQN  PFPREGSLGQPGAGMEA AVNEASGDGGGEDAIVILEKTPFQVEQVAQLLMGRPEL  QLQFSNDIYSTYHLFPPRQLSDVKATVVYPATEKHLQKYLRQDLRLVQETGSDYKNI  TLPYLESQSLSIQWVYNILDKKAETDRIVFENPDPSDGFVLIPDLKWNQQQLDDLYLIA  ICHRRGIRSLRDLTPEHLPLLRNILREGQEAILQRYQVRGDRRLRVYLHYLPSYYHLHV  HFTALGFDAPGSGVERAHLADVIENLECDPEHYQRRTLTFALRADDPLLRLLEQAQ  KS</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>80% by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	0.19 mg/mL
<b>Storage Buffer</b>	PBS, pH 7.4

## GENE INFORMATION

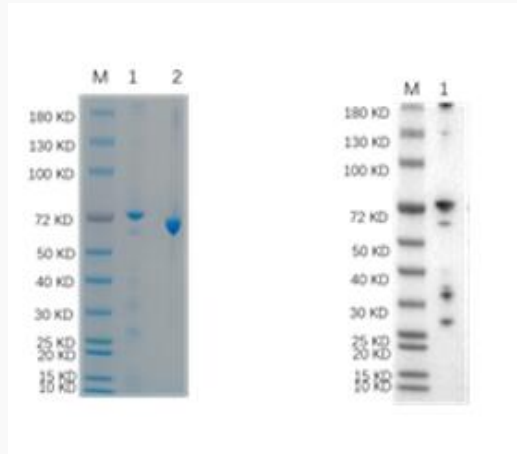
<b>Gene Name</b>	DCPS decapping enzyme, scavenger [ <i>Canis lupus familiaris</i> (dog) ]
<b>Official Symbol</b>	DCPS
<b>Synonyms</b>	DCPS; decapping enzyme, scavenger; scavenger mRNA-decapping enzyme DcpS; m7GpppX diphosphatase
<b>Gene ID</b>	609536
<b>mRNA Refseq</b>	XM_038664436
<b>Protein Refseq</b>	XP_038520364
<b>UniProt ID</b>	A0A8C0KC97

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE:**



Reducing 12% SDS-PAGE and WB analysis profile of purified Dog DCPS

1. Dog DCPS
2. BSA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA