

Recombinant Dog CAT protein, His&Myc-tagged

Cat. No. CAT-2311D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog CAT protein(O97492)(35-527aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Dog
Source	E.coli
ProteinLength	35-527aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	63.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

IGDKLVMTAGPRGPLLVDVFTDEMAHFDREIRIPERVVHAKGAGAFGYFEVTHDI
 TKYSKAKVFEHIGKRTPIAVRFSTVAGESGSADTVRDPRGFAVKFYTEDGNWDLVG
 NNTPIFFIRDAILFPSFIHSQKRNPQTHLKDPDMVWDFWSLRPESLHQVSFLFSDRGI
 PDGHRHMNGYGSHTFKLVNAAGEAVYCKFHYKTDQGINKLSVEDAARLSHEDPDY
 GLRDLFNAIATGNYPSTWTFYIQVMTFSQAETFPFNPFDLTKIWP HQDYPLIPVGKLV
 NRNPVNYFAEVEQMAFDPSNMPPGIEPSPDKMLQGRLFAYPDTHRHRLGPNYLQIP
 VNCPPFRARVANYQRDGP MCM LDNQG GAPNYYPN SFSAPEQQRCVLEHSSQCSPD
 VQRFNSANEDNVTQVRTFY LKVLGEEERKRLCENIAGHLKDAQLFIQKKAVKNFSDV
 HPDYGARIQALLDKYNAEKPKNAIHTFMQHGSHLAAREKANL

GENE INFORMATION

Gene Name [CAT catalase \[Canis lupus familiaris \]](#)

Official Symbol [CAT](#)

Synonyms CAT; catalase;

Gene ID [403474](#)

mRNA Refseq [NM_001002984](#)

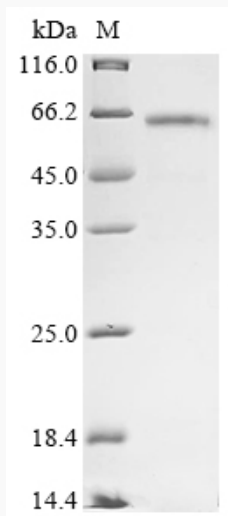
Protein Refseq [NP_001002984](#)

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SDS-PAGE



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