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.

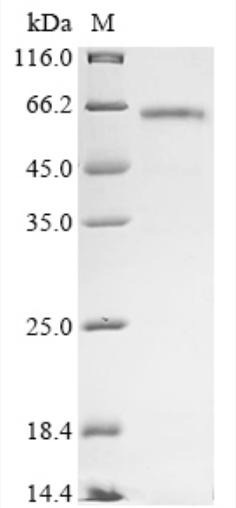
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	IGDKLNVMTAGPRGPLLVQDVVFTDEMAHFDRERIPERVVHAKGAGAFGYFEVTHDI TKYSKAKVFEHIGKRTPIAVRFSTVAGESGSADTVRDPRGFAVKFYTEDGNWDLVG NNTPIFFIRDAILFPSFIHSQKRNPQTHLKDPDMVWDFWSLRPESLHQVSFLFSDRGI PDGHRHMNGYGSHTFKLVNAAGEAVYCKFHYKTDQGIKNLSVEDAARLSHEDPDY GLRDLFNAIATGNYPSWTFYIQVMTFSQAETFPFNPFDLTKIWPHQDYPLIPVGKLVL NRNPVNYFAEVEQMAFDPSNMPPGIEPSPDKMLQGRLFAYPDTHRHRLGPNYLQIP VNCPFRARVANYQRDGPMCMLDNQGGAPNYYPNSFSAPEQQRCVLEHSSQCSPD VQRFNSANEDNVTQVRTFYLKVLGEEERKRLCENIAGHLKDAQLFIQKKAVKNFSDV 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA