



# Recombinant Catalase (cat)

<b>Product Code</b>	CSB-EP637729OAAF-B
<b>Abbreviation</b>	cat
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q27710
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Onchocerca volvulus endobacterium
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSQNKTLTTA SGPPVADNQN SRSAGPRGPL LLDDFHLEIK LAHFNRENIP ERRVHAKGSG AYGTFVTVD ITQYTSAKLF DSVGKQTPTF LRFSTVGGER GSADTERDPR GFALKFYTEE GNWDIVGNNT PVFFIRDPLK FPDFIHTQKR LPQSNLKSAQ MMWDFWSHSP EALHQVTILF SDRGIPDGYR HMHGFGSHTY SLINAKGERH WVKWHYKTKQ GIKNLAPADA ARLAGTDPDY AQRDLFGAIE RGDFPKWRVC IQIMTEAQAN AHYENPFDVT KTWSQKEFPL IEVGELELNR NPLNYFAEVE QAAFGPSNMV PGLVGLSPDRM LQGRVFAYAD AHRVYRGTNH QQLPVNAPRS PVNSYQRDGS MAFGSNGGAA PNYEPNSYAD APKQAPQYAE PALALSGAAD RYDHRETDY YSHAGALFRL MNDEQKALLI NNIAGAMAGV SSDVVQRQLQ YFFKADPAYG EGIASALGVS LN
<b>Source</b>	E.coli
<b>Target Names</b>	cat
<b>Protein Names</b>	Recommended name: Catalase EC= 1.11.1.6
<b>Expression Region</b>	1-482
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.