



Recombinant Catalase (cat)

Product Code	CSB-EP637729OAAF
Abbreviation	cat
Storage	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.
Uniprot No.	Q27710
Product Type	Recombinant Protein
Immunogen Species	Onchocerca volvulus endobacterium
Purity	>85% (SDS-PAGE)
Sequence	MSQNKTLTTA SGPPVADNQN SRSAGPRGPL LLDDFHLEIK LAHFNRENIP ERRVHAKGSG AYGTFVTQD 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
Source	E.coli
Target Names	cat
Protein Names	Recommended name: Catalase EC= 1.11.1.6
Expression Region	1-482
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.