



Recombinant Arabidopsis thaliana Catalase-3 (CAT3)

Product Code	CSB-EP671464DOA-B
Abbreviation	CAT3
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.	Q42547
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MDPYKYRPSS AYNAPFYTTN GGAPVSNNIS SLTIGERGPV LLEDYHLIEK VANFTRERIP ERVVHARGIS AKGFFEVTHTD ISNLTCADFL RAPGVQTPVI VRFSTVVHER ASPETMRDIR GFAVKFYTRE GNFDLVGNNT PVFFIRDGIQ FPDVVHALKP NPKTNIQEYW RILDYMSHLP ELLTWCWMF DDVGIPQDYR HMEGFGVHTY TLIAKSGKVL FVKFHWKPTC GIKNLTDEEA KVVGGANHSH ATKDLHDAIA SGNYPEWKLF IQTMDPADED KDFDPLDVT KIWPEDILPL QPVGRLVLNR TIDNFFNETE QLAFNPGLVV PGIYYSDDKL LQCRIFAYGD TQRHRLGPNY LQLPVNAPKC AHHNNHHEGF MNFMHRDEEI NYYPSEKFDPV RCAEKVPTPT NSYTGIRTKC VIKKENNFQK AGDRYRSWAP DRQDRFVKRW VEILSEPRLT HEIRGIWISY WSQADRSLGQ KLASRLNVRP SI
Source	E.coli
Target Names	CAT3
Protein Names	Recommended name: Catalase-3 EC= 1.11.1.6
Expression Region	1-492
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.