



Recombinant *Gossypium hirsutum* Catalase isozyme 1 (CAT1)

Product Code	CSB-EP323528GHB
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.	P17598
Product Type	Recombinant Protein
Immunogen Species	<i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MDPYKHRPSS AFNSPFWTTN SGAPVWNNNS SLTVGPRGQY LLEDYHLVEK LANFDRERIP ERVVHARGAS AKGFFEVTHTD ISHLTCADFL RAPGVQTPVI VRFSTVIHER GSPETLRDPR GFAVKFYTRE GNFDLVGNF PVFFIRDGMK FPDMVHALKP NPKSHIQENW RILDFFSHHP ESLHMFTFLF DDLGVPQDYR HMEGSGVNTY TLINKAGKAH YVKFHWKPTC GVKCLLEDEA IKVGGANHSH ATQDLYDSIA AGNYPEWKLF IQTIDPDHED KDFDPLDVT KTWPEDILPL QPVGRLVLNK NIDNFFAENE QLAFCPAIVV PGIYYSDDKL LQTRIFSYSYD TQRHRLGPNY LQLPANAPKC AHHNNHHEGF MNFMHRDEEI NYFPSRYDPV RHAEMFPIPP AVCTGRREKC IIEKENNFKQ PGERYRSWAA DRQERFICRW VDALSDPRVT HEIRSIWISY WSQADKSVGQ KLASLLNVRP SI
Source	E.coli
Target Names	CAT1
Protein Names	Recommended name: Catalase isozyme 1 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.