



# Recombinant *Gossypium hirsutum* Catalase isozyme 2 (CAT2)

<b>Product Code</b>	CSB-EP333536GHB
<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>	P30567
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Gossypium hirsutum</i> (Upland cotton) ( <i>Gossypium mexicanum</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDPYKFRPSS SFDSPFWTTN SGAPVWNNNS SLTVGARGPI LLEDYHLVEK LANFDRERIP ERVVHARGAS AKGFFEVTHTD ISQLTCADFL RAPGVQTPLI VRFSTVIHER GSPETLRDPR GFAVKFYTRE GNFDLVGNF PVFFIRDGMK FPDMVHALKP NPKSHIQENW RILDFFSHHP ESLHMFTFLF DDIGVPQDYR HMDGSGVHTY TLINKAGKSH YVKFHWKPTC GVKSLLEDEA IRVGGANHSH ATQDLYDSIA AGNYPEWKLF IQIMDPLHED RFDLFDPLDVT KTWPEIDIFPL QPMGRMVLNK NIDNFFAENE QLAFPCPSLIV PGIYYSDDKL LQTRIFSYSYD TQRHRLGPNY LQLPANAPKC AHHNNHHEGF MNFMHRDEEV NYFPSRYDPV RHAEKHPIPS TVLSGKREKC IIGKENNFKQ PGERYRSFSA DRQERFINRW IDALSDPRVT HEIRSIWISY WSQADKSLGQ KIASRLNVRP SI
<b>Source</b>	E.coli
<b>Target Names</b>	CAT2
<b>Protein Names</b>	Recommended name: Catalase isozyme 2 EC= 1.11.1.6
<b>Expression Region</b>	1-492
<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.