



# Recombinant Catalase B (katB)

<b>Product Code</b>	CSB-EP724151FLV-B
<b>Abbreviation</b>	katB
<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>	Q66V81
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Staphylococcus xylosum
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSNNKLTSL FGAPVSDREN SMTAGPRGPL VMQDWYFLEQ MAHFDREVIP ERRMHAKGSG AFGTFTVTND ITQYTSASIF SEVGKQTEMF ARFSTVAGER GAADAERDIR GFALKFYTDE GNWDLVGNNT PVFFFRDPKL FASLNHAVKR DPRTNMRSAQ NNWDFWTSPL EALHQVTILM SDRGIPKGYR NMHGFGSHTY SMYNDKGERV WVKFHHRTQQ GIENLQPDEA AKIIADDRES SQRDLFEAIE NKDYPKWKTY IQVMTEEQAR NHKDNPFDLT KVWYKGDYPL IEVGEWELNR NPDNYFQDVE QAAFAPTNIV PGIDFSPDKM LQGRLFSYGD AQRYLGVNH WQIPVNPQKG VGVENICPFS RDGQMRILDN NQGGGTHYYP NSDGSFEDQP EFKKPGLKVE GEAYEYDFRQ DDDNYFEQPG RLFRLQSKEQ QERIFENTAN EMQGTTLVQ HRHIRHCYKA DSEYGKGVAR ALGVDINDVD LEIKD
<b>Source</b>	E.coli
<b>Target Names</b>	katB
<b>Protein Names</b>	Recommended name: Catalase B EC= 1.11.1.6
<b>Expression Region</b>	1-495
<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.