



Recombinant Catalase-peroxidase 2 (katG2)

Product Code	CSB-EP748608EOD
Abbreviation	katG2
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.	Q7BSW8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	ADKKETQ NFYYPETLDL TPLRLHSPES NPWGADFDYA TRFQQLDMEA LKKDIKDLLT TSQDWWPADY GHYGPFFIRM AWHGAGTYRT YDGRGGASGG QQRFEPLNSW PDNVNLDKAR RLLWPVKKKY GSSISWGDLM VLTGNVALES MGFKTLGFAG GREDDWESDL VYWGPDNKPL ADNRDKNGKL QKPLAATQMG LIYVNPEGPG GKPDPLASAK DIREAFSRMA MDDEETVALI AGGHTFGKAH GAASPEKCIG AGPDGAPVEE QGLGWKNKCG TGNGKYTITS GLEGAWSTSP TQFTMQYLKN LYKYEWELHK SPAGAYQWKP KKAANIVQDA HDPSVLHPLM MFTTDIALKV DPEYKKITTR FLNDPKAFEQ AFARAWFKLT HRDMGPAARY LGNEVPAESF IWQDPLPAAD YTMIDGKDIK SLKEQVMDLG IPASELIKTA WASASTFRVT DYRGGNNGAR IRLQPEINWE VNEPEKLLKV LASLTSLQRE FNKKQSDGKK VSLADLIVLS GNAAIEDAAR KAGVELEIPF TPGRTDASQE QTDVASFSVL EPTADGFRNY YSKSRSHISP VESLIDKASQ LDLTVPEMTA LLGGLRVMDI NTNNSLGVF TDTPGVLDNK FFVNLLDMST RWSKADKEDT YNGFDRKTGA LKWKASSVDL IFSSNPELRA VAEVYASDDA RNKFIHDFVK SWNKVMNSDR FDLNNK
Source	E.coli
Target Names	katG2
Protein Names	Recommended name: Catalase-peroxidase 2 Short name= CP 2 EC= 1.11.1.21 Alternative name(s): Peroxidase/catalase 2
Expression Region	24-736
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 of Mature 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

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