



Recombinant Escherichia coli NADPH-dependent curcumin reductase (curA)

Product Code	CSB-EP303478ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76113
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MGQQKQRNRR WVLASRPHGA PVPENFRLEE DDVATPGEGQ VLLRTVYLSL DPYMRGRMSD EPSYSPVDI GGVMVGGTVS RVVESNHPDY QSGDWVLGYS GWQDYDISSG DDLVKLGDHP QNPSWSLGVL GMPGFTAYMG LLDIGQPKEG ETLVVA AATG PVGATVGGIQ KLGKCRVVG AGGAEKCRHA TEVLGFDVCL DHHADDFAEQ LAKACPKGID IYENVGGKV FDAVLPLLNT SARIPVCGLV SSYNATELPP GPDRLPLLM TVLKKRIRLQ GFIIAQDYGH RIHEFQREMG QWVKEDKIH YREEITDGL ENAPQTFIGLLK GKNFGKVVIR VAGDD
Source	E.coli
Target Names	curA
Protein Names	Recommended name: NADPH-dependent curcumin reductase EC= 1.3.1.n3 Alternative name(s): NADPH-dependent curcumin/dihydrocurcumin reductase
Expression Region	1-345
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.