



Recombinant Mycobacterium tuberculosis Lanosterol 14-alpha demethylase (cyp51)

Product Code	CSB-EP006459MVZ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P9WPP8
Product Type	Recombinant Protein
Purity	>85% (SDS-PAGE)
Sequence	MSAVALPRVS GGHDEHGHLE EFRTDPIGLM QRVRDECGDV GTFQLAGKQV VLLSGSHANE FFFRAGDDDL DQAKAYPFMT PIFGEGVVFD ASPERRKEML HNAALRGEQM KGHAATIEDQ VRRMIADWGE AGEIDLLDFF AELTIYTSSA CLIGKKFRDQ LDGRFAKLYH ELERGTDPLA YVDPYLPYES FRRRDEARNG LVALVADIMN GRIANPPTDK SDRDMLDVL AVKAETGTPR FSADEITGMF ISMMFAGHHT SSGTASWTLI ELMRHRDAYA AVIDELDELY GDGRSVSFHA LRQIPQLENV LKETLRLHPP LIILMRVAKG EFEVQGHRIH EGDVAASPA ISNRIPEDFP DPHDFVPARY EQPRQEDLLN RWTWIPFGAG RHRCVGAAGA IMQIKAIFSV LLREYEFEMA QPPESYRNDH SKMVVQLAQP ACVRYRRRTG V
Source	E.coli
Protein Names	Recommended name: Lanosterol 14-alpha demethylase EC= 1.14.13.70 Alternative name(s): CYPLI Cytochrome P450 51 Cytochrome P450-14DM Cytochrome P450-LIA1 Sterol 14-alpha demethylase
Expression Region	1-451
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.