



Recombinant Rickettsia typhi Ferredoxin--NADP reductase (RT0500)

Product Code	CSB-EP718132RNE
Abbreviation	RT0500
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.	Q68WM0
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MYNTDIVIIG SGPVGLFAVF QAGMLGMKCH VIDAQEVIGG QCITLYPEKH IYDIPAYPKI TAKELIEQLK SQAAPFNPVY HLNQQAIELN KHNDFFEIKT SKNTIIKSKV IIIAAGAGAF GPNKPPLANI EDFEGKSIFY FINDKSKFLG KNIVVAGGGD SAVDWTIALS EIANKIYLVH RRDKFTAATE SIRQLRHIAE TGKIELVTGY QLNNLDGHNN ELQAVIVKDL QNNIRKLDAN ILLPFFGLKQ DLGPLANWGL NVKLQHIEVD NYYYQTNIGK IYAIGDVAHY VGKLKLIITG FAEAAHSINH AYSRVFDGKA LHFEYSTNKY EQKQ
Source	E.coli
Target Names	RT0500
Protein Names	Recommended name: Ferredoxin--NADP reductase Short name= FNR Short name= Fd-NADP(+) reductase EC= 1.18.1.2
Expression Region	1-334
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.