



Recombinant Ferredoxin--NADP reductase (STH965)

Product Code	CSB-EP731533SRW-B
Abbreviation	STH965
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.	Q67QU3
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MSGTKELYDV TLIGAGPTGL FGVFYAGMRG MKTKVIEALP EVGGQLAALY PEKDIFDVAG FPRISAKRLV EQCKEQADSA NPDATYVFNQ RVDKLNRLD GTFELVTHTG ERHYSKAVII TAGIGAFEPN RIPNESARQY EGKGVFYSVT NLPQFEGKRV LVIGGGDSAV DYALMVEPIA AEVTLIHRRD GFRAHEESLK KLAASRVHVK VFYELRRVEG DGNWVKKATI FDNRTGEETT IDVDCVIIGT GFKASLGSML EWGLEIENKR QIVVNSKGET NIPGVYAAGD ICWYPGKIRL IATGFGEVAT AVNNAKAFID PGSAAFPGHS SEQRNK
Source	E.coli
Target Names	STH965
Protein Names	Recommended name: Ferredoxin--NADP reductase Short name= FNR Short name= Fd-NADP(+) reductase EC= 1.18.1.2
Expression Region	1-336
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.