



Recombinant *Bacillus clausii* Ferredoxin--NADP reductase 2 (ABC2925)

Product Code	CSB-EP730163BAAC
Abbreviation	ABC2925
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.	Q5WDV1
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MQEQKDMFDL TIIGGGPAGL FAAFYAGMRK MKVKVIESMP QLGGQLSALY PDKYIYDVAG FPKVKAQDLV DQLTAQAQQF QPEIVLEEAV QTLEKQEDET FVLTTDANIY YTKAVLITAG AGAFAPRKLQ VEKADFYEDK NIHYFIRDLS AFTGKRVVVI GGGDSAVDWA LMLEPIAKEV TLVHRRDAFR AHEHSVDLLK KSSVRILTPY ETAELHGDN GVTAVTFSEV KGDQTETIAV DDVIVNFGFV STLGPIKEWG LEIRKNAIPV NTKMETNIPG VYAAGDVSTY DGKIKLIATG FGEAPTAVNN AKVYIDPTAR AFGHSTSLF
Source	<i>E. coli</i>
Target Names	ABC2925
Protein Names	Recommended name: Ferredoxin--NADP reductase 2 Short name= FNR 2 Short name= Fd-NADP(+) reductase 2 EC= 1.18.1.2
Expression Region	1-330
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.