



Recombinant Arabidopsis thaliana Ferredoxin--NADP reductase, root isozyme 2, chloroplastic (RFNR2)

Product Code	CSB-EP890283DOA-B
Abbreviation	RFNR2
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.	Q9S9P8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	CMSVQQ TSSSKVTVSP IELEDPKDPP LNLYKPKEYS TAKIVSERV VGPKAPGETC HIVIDHDGNL PYWEGQSYGV IPPGENPKKP GAPHNVRLYS IASTRYGDFD DGKTASLCVR RAVYYDPETG KEDPSKNGVC SNFLCDSKPG DKIQITGPSG KVMILLPESDP NATHIMIATG TGVAPYRGYL RRMFMENVPN KTFSGLAFLF LGVANTDSLL YDEEFTKYLK DHPDNFRFDK ALSREEKNKK GGKMYVQDKI EEYSDEIFKL LDNGAHYFC GLKGMMPGIQ DTLKRVAEER GESWDLKLSQ LRKNKQWHVE VY
Source	E.coli
Target Names	RFNR2
Protein Names	Recommended name: Ferredoxin--NADP reductase, root isozyme 2, chloroplastic EC= 1.18.1.2 Alternative name(s): Root FNR 2 Short name= AtRFNR2
Expression Region	65-382
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 of Mature 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.