



Recombinant Copper-containing nitrite reductase (nirK)

Product Code	CSB-EP726612RBAW-B
Abbreviation	nirK
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.	Q60214
Product Type	Recombinant Protein
Immunogen Species	Rhizobium sullae (Rhizobium hedysari)
Purity	≥85% (SDS-PAGE)
Sequence	TPVRK LSATEIAALP RRKLDLVKPP FVHVHTQKAE GGPKVVEVTL TIEEKKLVID GKGTEVNAMT FDGSVPGPLI VVHQDDYVEV TLVNPETNTL QHNIDFHSAT GALGGGALT VNPGESAVLR FKATKAGVFV YHCAPPGMVP WHVTSGMNGA IMVLPREGLT DGHGKELVYD KVYYLGEQDF YIPRDEKGEF KKYDSPGEAY EDTVAVMRTL TPTHIVFNGA VGALTGENAL TAAVGERVLI VHSQANRDTR PHLIGGHGEY VVRTGKFVNV PDRDQETWFI PGPTRGAAYY TFEQPGIYAY VNHNLIEAFE LGAAAHFKVT GDWNDDLMTT VRSPSGS
Source	E.coli
Target Names	nirK
Protein Names	Recommended name: Copper-containing nitrite reductase EC= 1.7.2.1 Alternative name(s): Cu-NIR
Expression Region	36-377
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.