



Recombinant *Geobacillus stearothermophilus* FMN-dependent NADH-azoreductase (azoR)

Product Code	CSB-EP893077GFM-B
Abbreviation	azoR
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.	Q9X4K2
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MTNVLYITAH PHDDTQSYSM AVGKAFIDTY KQVHPDHEVI HLDLYKEYIP EIDVDVFSGW GKLRSGKSFE ELSDEEKAKV GRMNELCEQF ISADKYVFVT PMWNFSFPPV LKAYIDAVAV AGKTFKYTEQ GPVGLLTDKK ALHIQARGGF YSEGPAAE ME MGHRYLSVIM QFFGVPSFEG LFVEGHAAVP EKAEEIKANA IARAKDLAHT F
Source	<i>E. coli</i>
Target Names	azoR
Protein Names	Recommended name: FMN-dependent NADH-azoreductase EC= 1.7.-.- Alternative name(s): Azo-dye reductase FMN-dependent NADH-azo compound oxidoreductase
Expression Region	1-211
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.