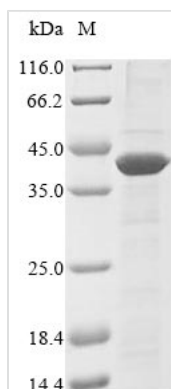




Recombinant Methanobacterium ivanovii

Nitrogenase iron protein 1 (nifH1)

Product Code	CSB-EP341970MEU
Abbreviation	Recombinant Methanobacterium ivanovii nifH1 protein
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.	P51602
Product Type	Recombinant Protein
Immunogen Species	Methanobacterium ivanovii
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MVRKIAIYGKGGIGKSTTTQNTASAMAHFHNQRVMIHGCDPKADSTRMILGGK MQTTMMDTLREEGEEACMDLDNVMSTGFKDIKCVESGGPEPGVGCAGRGVI TAITIMEHMKVYDDNDFVFFDVLGDVVCGGFAMPIRDGKAEEIYIVASGEMMAL YAANNLCKGMVKYAEQSGVRLGGIICNSRNVDGEKELLEEFCKRIGTQMIHFV PRDNIVQKAEFNKRTVVDFDAECSQAHEYSELARKIIENDNFVIPDPMTMDELE EMVVSYGLMD
Research Area	Others
Source	E.coli
Target Names	nifH1
Protein Names	Recommended name: Nitrogenase iron protein 1 EC= 1.18.6.1Alternative name(s): Nitrogenase Fe protein 1 Nitrogenase component II Nitrogenase reductase
Expression Region	1-275aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	37.4 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.