



[Go to Product page](#)

Datasheet for ABIN1665631  
**NIFH1 Protein (AA 1-275) (His tag)**

### Overview

Quantity:	1 mg
Target:	NIFH1
Protein Characteristics:	AA 1-275
Origin:	Methanosarcina
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NIFH1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MTRKIAFYGK GGIGKSTTQQ NTAAAMAYYH GKKIFIHGCD PKADCTRLVL GGVAQTTIMD TLRELGEDAV TAENVINTGF DGIKCVESGG PEPGVGCAGR GVITAINLME EMGAYSEDLD FIHFDVLGDV VCGGFAMPIR EGKAQEVYIV ASGEMMATYA ANNICKGLLK YAEQSGVRLG GIICNSRRVD NELEMMEEFA SALGTQLLYF VPRDNIVQKA EFNKKTVEY DPTCNQALEY KELAKKILEN DMFVIPKPLS MDQLEKMVER YGLMD
Specificity:	Methanosarcina barkeri
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

---

Target:	NIFH1
Alternative Name:	Nitrogenase iron protein 1 (nifH1) ( <a href="#">NIFH1 Products</a> )
Background:	Recommended name: Nitrogenase iron protein 1. EC= 1.18.6.1. Alternative name(s): Nitrogenase Fe protein 1 Nitrogenase component II Nitrogenase reductase
UniProt:	<a href="#">P54799</a>

## Application Details

---

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.