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## Datasheet for ABIN1474421 HNF1B Protein (AA 1-557) (His tag)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | HNF1B  |
| Protein Characteristics:      | AA 1-557                                     |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This HNF1B protein is labelled with His tag. |
| Application:                  | ELISA  |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | <p>MVSKLTSLQQ ELLSALLSSG VTKEVLIQAL EELLPSPNFG VKLETPLSP GSGADLDTKP</p> <p>VFHTLTNGHA KGRLSGDEGS EDGDDYDTPP ILKELQALNT EEAAEQRAEV DRMLSEDPWR</p> <p>AAKMIKGYMQ QHNIPQREV VDTGLNQSHL SQHLNKGTPM KTQKRAALYT WYVRKQREIL</p> <p>RQFNQTVQSS GNMTDKSSQD QLLFLFPEFS QQNQGPGQSE DACSEPTNKK MRRNRFKWGP</p> <p>ASQQILYQAY DRQKNPSKEE REALVEECNR AECLQRGVSP SKAHGLGSNL VTEVRVYNWF</p> <p>ANRRKEEAFR QKLAMDAYSS NQTHNLNPLL THGSPHHQPS SSPPNKLSGV RYSQPGNNEV</p> <p>TSSSTISHHG NSAMVTSQSV LQQVSPASLD PGHSLSPDS KMISVSGGGL PPVSTLTNIH</p> <p>SLSHHNPQQS QNLIMTPLSG VMAIAQSLNT SQAQGVVIN SVASSLAALQ PVQFSQQLHS</p> <p>PHQQPLMQQS PGSHMAQQPF MAAVTQLQNS HMYAHKQEPQ QYSHTSRFPS AMVVTDTSSI</p> <p>NLTSMSSSK QCPLQAW</p> |
| Specificity:     | Rattus norvegicus (Rat)   |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian  |

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: HNF1B

Alternative Name: Hepatocyte nuclear factor 1-beta (Hnf1b) ([HNF1B Products](#))

Background: Recommended name: Hepatocyte nuclear factor 1-beta.

Short name= HNF-1-beta.

Short name= HNF-1B.

Alternative name(s): Transcription factor 2.

Short name= TCF-2 Variant hepatic nuclear factor 1.

Short name= vHNF1

UniProt: [P23899](#)

Pathways: [Hormone Transport](#), [Stem Cell Maintenance](#), [Tube Formation](#)

## Application Details

Comment: 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 modified 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.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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|                  |   |
|------------------|---|
| 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.                                |