Datasheet for ABIN7584701

HNF1B Protein (AA 1-557) (His tag)

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Overview

Quantity:	100 µg
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:	MVSKLTSLQQ ELLSALLSSG VTKEVLIQAL EELLPSPNFG VKLETLPLSP GSGADLDTKP VFHTLTNGHA KGRLSGDEGS EDGDDYDTPP ILKELQALNT EEAAEQRAEV DRMLSEDPWR AAKMIKGYMQ QHNIPQREVV DVTGLNQSHL SQHLNKGTPM KTQKRAALYT WYVRKQREIL RQFNQTVQSS GNMTDKSSQD QLLFLFPEFS QQNQGPGQSE DACSEPTNKK MRRNRFKWGP ASQQILYQAY DRQKNPSKEE REALVEECNR AECLQRGVSP SKAHGLGSNL VTEVRVYNWF ANRRKEEAFR QKLAMDAYSS NQTHNLNPLL THGSPHHQPS SSPPNKLSGV RYSQPGNNEV TSSSTISHHG NSAMVTSQSV LQQVSPASLD PGHSLLSPDS KMISVSGGGL PPVSTLTNIH SLSHHNPQQS QNLIMTPLSG VMAIAQSLNT SQAQGVPVIN SVASSLAALQ PVQFSQQLHS PHQQPLMQQS PGSHMAQQPF MAAVTQLQNS HMYAHKQEPP QYSHTSRFPS AMVVTDTSSI NTLTSMSSSK QCPLQAW
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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 modificated 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

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.