Datasheet for ABIN7584702

HNF4A Protein (AA 1-474) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	HNF4A
Protein Characteristics:	AA 1-474
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNF4A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRLSKTLADM DMADYSAALD PAYTTLEFEN VQVLTMGNDT SPSEGANLNS SNSLGVSALC AICGDRATGK HYGASSCDGC KGFFRRSVRK NHMYSCRFSR QCVVDKDKRN QCRYCRLKKC FRAGMKKEAV QNERDRISTR RSSYEDSSLP SINALLQAEV LSQQITSPIS GINGDIRAKK IANITDVCES MKEQLLVLVE WAKYIPAFCE LLLDDQVALL RAHAGEHLLL GATKRSMVFK DVLLLGNDYI VPRHCPELAE MSRVSIRILD ELVLPFQELQ IDDNEYACLK AIIFFDPDAK GLSDPGKIKR LRSQVQVSLE DYINDRQYDS RGRFGELLLL LPTLQSITWQ MIEQIQFIKL FGMAKIDNLL QEMLLGGSAS DAPHAHHPLH PHLMQEHMGT NVIVANTMPS HLSNGQMCEW PRPRGQAATP ETPQPSPPSG SGSESYKLLP GAITTIVKPP SAIPQPTITK QEAI
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	HNF4A
Alternative Name:	Hepatocyte nuclear factor 4-alpha (Hnf4a) (HNF4A Products)
Background:	Recommended name: Hepatocyte nuclear factor 4-alpha. Short name= HNF-4-alpha. Alternative name(s): Nuclear receptor subfamily 2 group A member 1 Transcription factor 14. Short name= TCF-14 Transcription factor HNF-4
UniProt:	P22449
Pathways:	AMPK Signaling, Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Carbohydrate Homeostasis, Cell-Cell Junction Organization, Regulation of Carbohydrate Metabolic Process

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 Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.