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Datasheet for ABIN1639377
HNF4A Protein (AA 1-464) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | HNF4A |
| Protein Characteristics: | AA 1-464 |
| Origin: | Xenopus laevis |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HNF4A protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | MRLSKALIDM DMADYTEALD PAYTTLEFEN MQVLSIGTDT STSDVTSLSA SNSIGINSLC AICGDRATGK HYGASSCDGC KGFFRRSVRK NHMYSCRFSR QCVVDKDKRN QCRYCRLKKC FRAGMKKEAV QNERDRISTR RSSYEDSSLP SINVLIQAEV LSQQITSSVG VLNTDIRGKK IACIIDVCDS MKQQLLVLE WAKYIPAFCE LPLDDQVALL RAHAGEHLLL GATKRSMFMK DILLGNDRL IPRNCPELEV GRVAVRILDE LVLFPQELQI DDNEYACLKA IIFDPAKQ LSDPTKIKRM RYQVQVSLED YINDRQYDSR GRFGELLLLL PTLQSITWQM IEQIQFVKLF GMAKIDNLLQ EMLLGGANE ASHTHHHLHP HLVDHLATN VIVANNTLPS QLHNGQMSTP ETPQPSPAG SGAEQYKIVH GTIASINKQP TSIPQSTITK QEAM |
| Specificity: | Xenopus laevis (African clawed frog) |
| 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. |

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

UniProt: [Q91766](#)

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

Handling

Storage: -20 °C

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