

Datasheet for ABIN7584700
HNF1A Protein (AA 1-628) (His tag)



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Overview

Quantity:	100 µg
Target:	HNF1A
Protein Characteristics:	AA 1-628
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNF1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVSKLSQLQT ELLAALLESGLSKEALIQALGEPGPYLMVG DGPLDKGESC GGTRGDLTEL</p> <p>PNGLGETRGS EDDTDDDDGED FAPPILKELE NLSPEEAHQ KAVVESLLQE DPWRVAKMVK</p> <p>SYLQQHNIPQ REVVDTTGLN QSHLSQHNLNKGTPMKTQKRA ALYTWYVRKQ REVAQQFTHA</p> <p>GQGGLEEPT GDELPTKKGR RNRFKWGPAS QQILFQAYER QKNPSKEERE TLVEECNRAE</p> <p>CIQRGVSPSQ AQGLGSNLVT EVRVYNWFAN RRKEEAFRHK LAMDTYNGPP PGPGPGPALP</p> <p>AHSSPGLPTT TLSPSKVHGV RYQGSATSEA AEPSSSSGGP LTVSAAHLQ VSPTGLEPSS</p> <p>LLSTEAKLVS ATGGPLPPVS TLTALHSLEQ TSPGLNQQPQ NLIMASLPGV MTIGPGEPAS</p> <p>LGPTFTNTGA STLVIGLAST QAQSVPVINS MGSSLTTLQP VQFSQPLHPS YQQPLMPPVQ</p> <p>SHVAQSPFMA TMAQLQSPHA LYSHKPEVAQ YTHTSLLPQT MLITDTNLST LASLTPTKQV</p> <p>FTSDTEASSE PGLHEPSSPA TTIHIPSQDP SNIQHLQPAH RLSTSPTVSS SSLVLYQSSD</p> <p>SNGHSHLLPS NHGVIETFIS TQMASSSQ</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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: HNF1A

Alternative Name: Hepatocyte nuclear factor 1-alpha (Hnf1a) ([HNF1A Products](#))

Background: Recommended name: Hepatocyte nuclear factor 1-alpha.
Short name= HNF-1-alpha.
Short name= HNF-1A.
Alternative name(s): Liver-specific transcription factor LF-B1.
Short name= LFB1 Transcription factor 1.
Short name= TCF-1

UniProt: [P15257](#)

Pathways: [Hormone Transport](#), [Carbohydrate Homeostasis](#)

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

Handling

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.