

Recombinant Human HNF4A Protein, His-tagged

Cat. No. HNF4A-630H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNF4A(Gln131~Ser330) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln131~Ser330
Description	The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.5kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	HNF4A hepatocyte nuclear factor 4, alpha [Homo sapiens]
Official Symbol	HNF4A
Synonyms	HNF4A; hepatocyte nuclear factor 4, alpha; MODY, MODY1, TCF14; hepatocyte nuclear factor 4-alpha; HNF4; NR2A1; TCF-14; HNF-4-alpha; HNF4alpha10/11/12; transcription factor 14; transcription factor-14; transcription factor HNF-4; hepatic nuclear factor 4 alpha; nuclear receptor subfamily 2 group A member 1; TCF; MODY; MODY1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha; FLJ39654;
Gene ID	3172
mRNA Refseq	NM_000457

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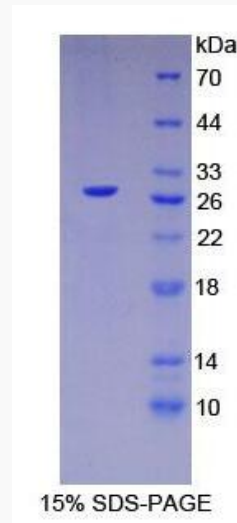
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Protein Refseq NP_000448

MIM 600281

UniProt ID P41235



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