

# Recombinant Human HNF4A Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** HNF4A-790H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	HNF4A MS Standard C13 and N15-labeled recombinant protein (NP_849181) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	46.4 kDa
<b>AA Sequence</b>	MRLSKTLVDMDMADYSAALDPAYTTLEFENVQVLTMGNDTSPSEGTLNAPNSLGV SALCAICGDRATGKHYGASSCDGCKGFFRRSVRKNHMYSCRFSRQCVDKDKRN QCRYCRLKCKFRAGMKKEAVQNERDRISTRSSYEDSSLPSINALLQAEVLSRQITS PVSGINGDIRAKKIASIADVCEMKEQLLVLEWAKYIPAFCELPLDDQVALLRAHAG EHLGATKRSMVFKDVLLGNDYIVPRHCPELAEMSRVSIRILDELVLPFQELQIDDN

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EYAYLKAIFFDPDAKGLSDPGKIKRLRSQVQVSLEDYINDRQYDSRGRFGELLLLLPT  
 LQSITWQMIEQIQFIKLFGMKIDNLLQEMLLGGPCQAQEGRGWWSGDSPGDRPHTV  
 SSPLSSLASPLCRFGQVATRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [HNF4A hepatocyte nuclear factor 4 alpha \[ Homo sapiens \(human\) \]](#)

**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\\_178850](#)

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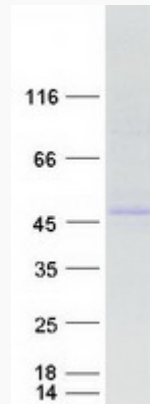
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**Protein Refseq**      NP\_849181

**MIM**                    600281

**UniProt ID**            P41235

**SDS-PAGE**



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