

Recombinant Human HNF4A Protein, GST-tagged

Cat. No. HNF4A-4895H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HNF4A full-length ORF (NP_849180.1, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	78 kDa
AA Sequence	MRLSKTLVDMMDADYSAALDPAYTTLEFENVQVLTMGNDTSPSEGTLNAPNSLGV SALCAICGDRATGKHYGASSCDGCKGFFRRSVRKNHMYSCRFSRQCVDKDKRN QCRYCRLKCKFRAGMKKEAVQNERDRISTRSSYEDSSLPSINALLQAEVLSRQITS PVSGINGDIRAKKIASIADVCEMKEQLLVLEWAKYIPAFCELPLDDQVALLRAHAG EHLLLGATKRSMVFKDVLVLLGNDYIVPRHCPELAEMSRVSIRILDELVLQFQELQIDN EYAYLKAIIFDPDAKGLSDPGKIKRLRSQVQVSLEDYINDRQYDSRGRFGELLLLLPT

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LQSITWQMIEQIQFIKLFGMKIDNLLQEMLLGGSPSDAPHAHHPLHPLMQEHMGT
 NVIVANTMPTHLSNGQMSTPETPQPSPGGSGSEPYKLLPGAVATIVKPLSAIPQPTI
 TKQEVI

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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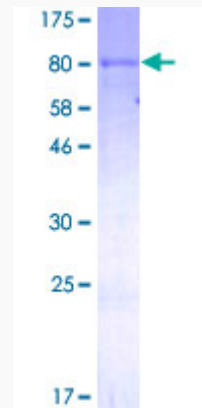
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Protein Refseq NP_000448

MIM 600281

UniProt ID P41235

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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