

Recombinant Human HNF4A protein, His-tagged

Cat. No. HNF4A-6877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNF4A protein(96-335 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	96-335 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	CRFSRQCVVDKDKRNQCRYCRLKKCFRAGMKKEAVQNERDRISTRSSYEDSSLP SINALLQAEVLSRQITSPVSGINGDIRAKKIASIADVCESMKEQLLVLEWAKYIPAFCE LPLDDQVALLRAHAGEHLLLGATKRSMVFKDVLLLGNDYIVPRHCPELAEMSRVSIRI LDELVLPPFQELQIDDNEYAYLKAIIFDPAKGLSDPGKIKRLRSQVQVSLEDYINDRQ YDSRGRFG
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

mRNA Refseq NM_000457

Protein Refseq NP_000448

MIM 600281

UniProt ID P41235

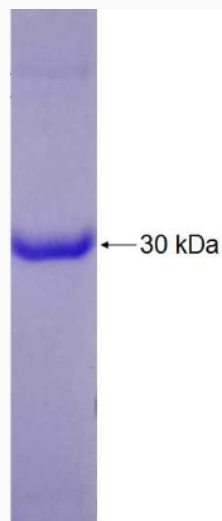
Gene ID 3172

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SDS-PAGE

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