

Hepatocyte nuclear factor 4-alpha (HNF4A) Recombinant Protein | HNF4A recombinant protein

Recombinant Human Hepatocyte nuclear factor 4-alpha (HNF4A)

CATALOG #
AAA113294

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Hepatocyte nuclear factor 4-alpha (HNF4A); Recombinant Human Hepatocyte nuclear factor 4-alpha (HNF4A); HNF4A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-474aa; Full Length
Sequence	MRLSKTLVDM DMADYSAALD PAYTTLEFEN VQVLTMGNDT SPSEGTNLNA PNSLGVSALC AICGDRATGK HYGASSCDGC KGGFRRSVRK NHMYSCRFSR QCVVDKDKRN QCRYCRLKKC FRAGMKKEAV QNERDRISTR RSSYEDSSLP SINALLQAEV LSRQITSPVS GINGDIRAKK IASIAADVCS MKEQLLVLE WAKYIPAFCE LPLDDQVALL RAHAGEHLLL GATKRSMVFK DVLLLGNDYI VPRHCP ELAE MSRV SIRILD ELVLPFQELQ IDDNEYAYLK AIIFFDPAK GLSDPGKIKR LRSQVQSLE DYINDRQYDS RGRFGELLLL LPTLQSITWQ MIEQIQFIKL FGMAKIDNLL QEMLLGGSPS DAPHAHPLH PHLMQE HMG T NVIVANTMPT HLSNGQMCEW PRPRGQAATP ETPQPSPPGG SGSEPYKLLP GAVATIVKPL SAIPQPTITK QEVI
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for HNF4A recombinant protein	This protein 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31077205
NCBI GeneID	3172
NCBI Accession #	NP_000448.3
NCBI GenBank Nucleotide #	NM_000457.4
UniProt Accession #	P41235; O00659; O00723; Q14540; Q5QPB8; Q6B4V5; Q6B4V6; Q6B4V7; Q92653; Q92654; A5JW41; B2RPP8
Molecular Weight	59.8 kDa
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha 2
NCBI Official Synonym Full Names	hepatocyte nuclear factor 4 alpha

NCBI Official Symbol	HNF4A
NCBI Official Synonym Symbols	TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
NCBI Protein Information	hepatocyte nuclear factor 4-alpha
UniProt Protein Name	Hepatocyte nuclear factor 4-alpha
UniProt Gene Name	HNF4A
UniProt Synonym Gene Names	HNF4; NR2A1; TCF14; HNF-4-alpha; TCF-14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hnf4a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113294>