

Recombinant Human HNF4A protein, His&Myc-tagged

Cat. No. HNF4A-3042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNF4A protein(P41235)(1-474aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-474aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	59.8 kDa
AA Sequence	MRLSKTLVDMMDMADYSAALDPAYTTLEFENVQVLTMGNDTSPSEGTLNAPNSLGV SALCAICGDRATGKHYGASSCDGCKGFFRRSVRKNHMYSCRFSRQCVVDKDKRN QCRYCRLKKCFRAGMKKEAVQNERDRISTRSSYEDSSLPSINALLQAEVLSRQITS PVSGINGDIRAKKIASIADVCESMKEQLLVLEWAKYIPAFCELPDDQVALLRAHAG EHLLLGATKRSMVFKDVLVLLGNDYIVPRHCPELAEMSRVSIRILDELVLFPQELQIDDN EYAYLKAIIFDPDAKGLSDPGKIKRLRSQVQVSLEDYINDRQYDSRGRFGELLLLLPT LQSITWQMIEQIQFIKLFMAKIDNLLQEMLLGGSPSDAPHAHHPLHPLMQEHMGT NVIVANTMPTHLSNGQMCEWPRPRGQAATPETPQPSPPGGSGSEPYKLLPGAVATI VKPLSAIPQPTITKQEV

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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
Protein Refseq	NP_000448
MIM	600281
UniProt ID	P41235

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