

Recombinant Mouse Hnf4a Protein, MYC/DDK-tagged

Cat. No. Hnf4a-1147M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Purified recombinant protein of full-length mouse hepatic nuclear factor 4, alpha (Hnf4a), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | The protein encoded by this gene is a transcription factor involved in the development of the pancreas, liver, kidney, and intestines. The encoded protein also functions to maintain glucose homeostasis. Several transcript variants encoding different isoforms have been found for this gene. |
| Molecular Mass | 53.1 kDa |
| Purity | >80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 g/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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GENE INFORMATION

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|------------------------|--|
| Gene Name | Hnf4a hepatic nuclear factor 4, alpha [Mus musculus (house mouse)] |
| Official Symbol | Hnf4a |
| Synonyms | Hnf4a; hepatic nuclear factor 4, alpha; Hnf4; HNF-4; MODY1; Nr2a1; Tcf14; TCF-14; Hnf4alpha; hepatocyte nuclear factor 4-alpha; HNF4 alpha; Nuclear receptor 2A1; nuclear receptor subfamily 2 group A member 1; transcription factor 14; transcription factor HNF-4 |
| Gene ID | 15378 |
| mRNA Refseq | NM_008261 |
| Protein Refseq | NP_032287 |
| UniProt ID | P49698 |

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