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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HNF1B (Human) Recombinant Protein (P01)

Catalog Number: H00006928-P01

Regulation Status: For research use only (RUO)

Product Description: Human HNF1B full-length ORF (NP_000449.1, 1 a.a. - 557 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVSKLTSLQQEELSALLSSGVTKEVLVQALEELLPSPN
FGVKLETLPSPGSGAEPDTKPVFHTLTNGHAKGRLS
GDEGSEDGDDYDTPPILKELQALNTEEAQRAEVDR
MLSEDPWRAAKMIKGYMQQHNPQREVVDVTGLNQS
HLSQHNLKGTMPKTQKRAALYTWYVRKQREILRQFNQ
TVQSSGNMTDKSSQDQLLFLFPEFSQQSHGPGQSD
ACSEPTNKKMRRNRFKWGPASQQILYQAYDRQKNPS
KEEREALVEECNRAECLQRGVSPSKAHGLGSLNVTEV
RVYNWFANRRKEEAFRQKLAMDAYSSNQTHSLNPLL
SHGSPHHQPSSPPNKLSGVRYSSQQGNNEITSSSTIS
HHGNSAMVTSQSVLQVSPASLDPGHNLSPDGKMIS
VSGGGLPPVSTLTNIHSLSHHNPQQSQNLIMTPLSGV
MAIAQSLNTSQAQSVPVINSVAGSLAALQPVQFSQQL
HSPHQQLMQQSPGSHMAQQPFMAAVTQLQNSHMY
AHKQEPQYSHTSRFPSAMVVTDTSISSTLTNMSSSK
QCPLQAW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 87.7

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6928

Gene Symbol: HNF1B

Gene Alias: FJHN, HNF1beta, HNF2, HPC11, LF-B3, LFB3, MODY5, TCF2, VHNF1

Gene Summary: This gene encodes a member of the homeodomain-containing superfamily of transcription factors. The protein binds to DNA as either a homodimer, or a heterodimer with the related protein hepatocyte nuclear factor 1-alpha. The gene has been shown to function in nephron development, and regulates development of the embryonic pancreas. Mutations in this gene result in renal cysts and diabetes syndrome and noninsulin-dependent diabetes mellitus, and expression of this gene is altered in some types of cancer. Multiple transcript variants encoding different isoforms have been found for this gene]