

Datasheet for ABIN7548332
HNF1B Protein (AA 1-557) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HNF1B
Protein Characteristics:	AA 1-557
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNF1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HNF1B Protein expressed in mammalian cells.
Sequence:	<p>MVSKLTSLQQ ELLSALLSSG VTKEVLVQAL EELLSPNFG VKLETLPSP GSGAEPDTKP VFHTLTNGHA KGRLSGDEGS EDGDDYDTPP ILKELQALNT EEAAEQRAEV DRMLSEDPWR AAKMIKGYMQ QHNIPQREV V DVTGLNQSHL SQHLNKGTPM KTQKRAALYT WYVRKQREIL RQFNQTVQSS GNMTDKSSQD QLLFLFPEFS QQSHGPGQSD DACSEPTNKK MRRNRFKWGP ASQQILYQAY DRQKNPSKEE REALVEECNR AECLQRGVSP SKAHGLGSNL VTEVRVYNWF ANRRKEEAFR QKLAMDAYSS NQTHSLNPLL SHGSPHHQPS SSPPNKLSGV RYSQQGNNEI TSSSTISHHG NSAMVTSQSV LQQVSPASLD PGHNLLSPDG KMISVSGGGL PPVSTLTNIH SLSHHNPQQS QNLIMTPLSG VMAIAQSLNT SQAQSVPIN SVAGSLAALQ PVQFSQQLHS PHQQPLMQQS PGSHMAQQPF MAAVTQLQNS HMYAHKQEPQ QYSHTSRFPS AMVVTDTSSI STLTNMSSSK QCPLQAW Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: HNF1B

Alternative Name: HNF1B ([HNF1B Products](#))

Background: Hepatocyte nuclear factor 1-beta (HNF-1-beta) (HNF-1B) (Homeoprotein LFB3) (Transcription factor 2) (TCF-2) (Variant hepatic nuclear factor 1) (vHNF1),FUNCTION: Transcription factor that binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:7900999, PubMed:17924661). Binds to the FPC element in the cAMP regulatory unit of the PLAU gene (By similarity). Transcriptional activity is increased by coactivator PCBD1 (PubMed:24204001). {ECO:0000250|UniProtKB:Q03365, ECO:0000269|PubMed:17924661, ECO:0000269|PubMed:24204001, ECO:0000269|PubMed:7900999}.

Molecular Weight: 61.3 kDa

UniProt: [P35680](#)

Pathways: [Hormone Transport](#), [Stem Cell Maintenance](#), [Tube Formation](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
