

**HNF-4 B Blocking Peptide**  
**Catalog # PBV10313b****Specification**

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**HNF-4 B Blocking Peptide - Product Information**

Primary Accession	<a href="#">P22449</a>
Other Accession	<a href="#">EDL96573</a>
Gene ID	25735
Calculated MW	52712

**HNF-4 B Blocking Peptide - Additional Information****Gene ID** 25735**Application & Usage**

The peptide is used for blocking the antibody activity of active HNF-4. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

**Other Names**

Hepatocyte nuclear factor 4-alpha, HNF-4-alpha, Nuclear receptor subfamily 2 group A member 1, Transcription factor 14, TCF-14, Transcription factor HNF-4, Hnf4a, Hnf-4, Hnf4, Nr2a1, Tcf14

**Target/Specificity**

HNF-4 B

**Formulation**

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

HNF-4 B Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**HNF-4 B Blocking Peptide - Protein Information****Name** Hnf4a**Synonyms** Hnf-4, Hnf4, Nr2a1, Tcf14**Function**

Transcriptional regulator which controls the expression of hepatic genes during the transition of endodermal cells to hepatic progenitor cells, facilitating the recruitment of RNA pol II to the promoters of target genes (By similarity). Activates the transcription of CYP2C38 (By similarity). Represses the CLOCK-BMAL1 transcriptional activity and is essential for circadian rhythm maintenance and period regulation in the liver and colon cells (By similarity).

**Cellular Location**

Nucleus.

**Tissue Location**

Liver, kidney and intestine.

**HNF-4 B Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**HNF-4 B Blocking Peptide - Images**