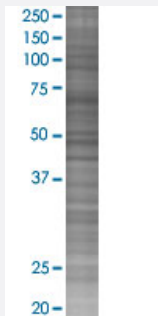


TCF2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006928-T02

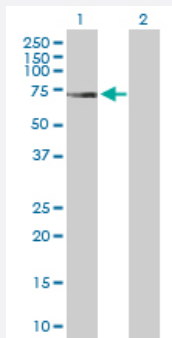
Size 100 uL

Applications



SDS-PAGE Gel

HNF1B transfected lysate.



Western Blot

Lane 1: HNF1B transfected lysate (61.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TCF2 full-length

Host Human

Theoretical MW (kDa) 61.3

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TCF2 antibody ([H00006928-D01P](#)) by Western Blots.
SDS-PAGE Gel
HNF1B transfected lysate.
Western Blot
Lane 1: HNF1B transfected lysate (61.30 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — HNF1B

Entrez GeneID	6928
GeneBank Accession#	NM_000458
Protein Accession#	NP_000449.1
Gene Name	HNF1B
Gene Alias	FJHN, HNF1beta, HNF2, HPC11, LF-B3, LFB3, MODY5, TCF2, VHNF1
Gene Description	HNF1 homeobox B
Omim ID	125853 137920 189907
Gene Ontology	Hyperlink
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.
Other Designations	transcription factor 2 transcription factor 2, hepatic transcription factor 2, hepatic; LF-B3; variant hepatocyte nuclear factor

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HIV Infections](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)
- [Wasting Syndrome](#)