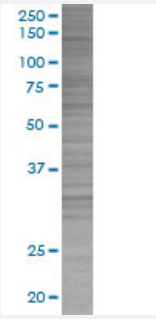
HNF4A 293T Cell Transient Overexpression Lysate(Denatured)

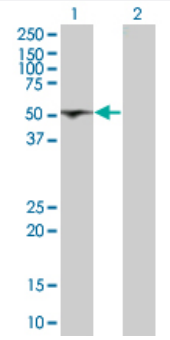
Catalog # H00003172-T01 Size 100 uL

Applications



SDS-PAGE Gel

HNF4A transfected lysate.



Western Blot

Lane 1: HNF4A transfected lysate (51.15 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HNF4A full-length
Host	Human
Theoretical MW (kDa)	51.15
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-HNF4A antibody (H00003172-B01) by Western Blots. SDS-PAGE Gel HNF4A transfected lysate. Western Blot Lane 1: HNF4A transfected lysate (51.15 KDa) Lane 2: Non-transfected lysate.

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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 — HNF4A

Entrez GeneID	3172
GeneBank Accession#	NM_178849
Protein Accession#	NP_849180
Gene Name	HNF4A
Gene Alias	FLJ39654, HNF4, HNF4a7, HNF4a8, HNF4a9, MODY, MODY1, NR2A1, NR2A21, TCF, TCF14
Gene Description	hepatocyte nuclear factor 4, alpha
Omim ID	125850 125853 600281
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq
Other Designations	HNF4-alpha|OTTHUMP00000031060|OTTHUMP00000031062|hepatic nuclear factor 4 alpha|hepatocyte nuclear factor 4 alpha|transcription factor-14

Pathway

- Maturity onset diabetes of the young

Disease

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- Alzheimer disease
- Atherosclerosis
- Birth Weight
- Breast cancer
- Breast Neoplasms
- Calcinosis
- Cardiovascular Diseases
- Colitis
- Coronary Artery Disease
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Disease Susceptibility
- Dyslipidemias
- Edema
- Fetal Macrosomia
- Genetic Predisposition to Disease
- Glucose Intolerance
- Glucose Metabolism Disorders
- Hyperinsulinism
- Hyperlipidemias
- Hypoglycemia
- Insulin Resistance
- Kidney Failure

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- Metabolic Syndrome X
- Neoplasms
- Neutropenia
- Obesity
- Osteoporosis
- Persistent Hyperinsulinemia Hypoglycemia of Infancy
- Prediabetic State
- Syndrome
- Tobacco Use Disorder

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