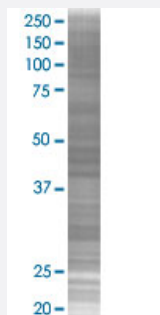


PDX1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003651-T01

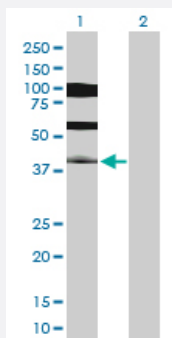
Size 100 uL

Applications



SDS-PAGE Gel

PDX1 transfected lysate.



Western Blot

Lane 1: PDX1 transfected lysate (31.13 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PDX1 full-length

Host Human

Theoretical MW (kDa) 31.13

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PDX1 antibody ([H00003651-D01P](#)) by Western Blots.

SDS-PAGE Gel

PDX1 transfected lysate.

Western Blot

Lane 1: PDX1 transfected lysate (31.13 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 — PDX1

Entrez GeneID	3651
GeneBank Accession#	BC111592
Protein Accession#	AAI11593.1
Gene Name	PDX1
Gene Alias	GSF, IDX-1, IPF1, IUF1, MODY4, PDX-1, STF-1
Gene Description	pancreatic and duodenal homeobox 1
Omim ID	125853 260370 600733
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transcriptional activator of several genes, including insulin, somatostatin, glucokinase, islet amyloid polypeptide, and glucose transporter type 2. The encoded nuclear protein is involved in the early development of the pancreas and plays a major role in glucose-dependent regulation of insulin gene expression. Defects in this gene are a cause of pancreatic agenesis, which can lead to early-onset insulin-dependent diabetes mellitus (NIDDM), as well as maturity onset diabetes of the young type 4 (MODY4). [provided by RefSeq]
Other Designations	OTTHUMP00000018174 glucose-sensitive factor insulin promoter factor 1, homeodomain transcription factor insulin upstream factor 1 pancreatic-duodenal homeobox factor 1 somatostatin transcription factor 1

Pathway

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

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Renal Insufficiency](#)
- [Werner syndrome](#)