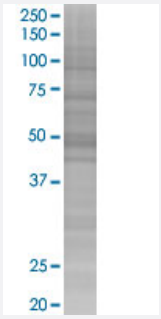
NEUROD2 293T Cell Transient Overexpression Lysate(Denatured)

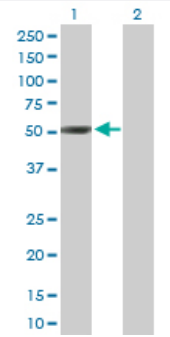
Catalog # H00004761-T02 Size 100 uL

Applications



SDS-PAGE Gel

NEUROD2 transfected lysate.



Western Blot

Lane 1: NEUROD2 transfected lysate (41.30 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NEUROD2 full-length
Host	Human
Theoretical MW (kDa)	41.3

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NEUROD2 antibody (H00004761-D01P) by Western Blots. SDS-PAGE Gel NEUROD2 transfected lysate. Western Blot Lane 1: NEUROD2 transfected lysate (41.30 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 — NEUROD2

Entrez GeneID	4761
GeneBank Accession#	BC022481.1
Protein Accession#	AAH22481.1
Gene Name	NEUROD2
Gene Alias	MGC26304, NDRF, bHLHa1
Gene Description	neurogenic differentiation 2
Omim ID	601725
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in Xenopus embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates. [provided by RefSeq
Other Designations	neuroD-related factor|neurogenic basic-helix-loop-helix protein|neurogenic differentiation factor 2

Disease

- Breast cancer
- Breast Neoplasms
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Mental Disorders