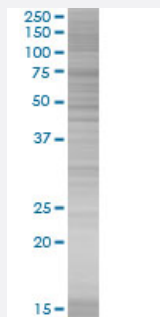


NEUROD2 293T Cell Transient Overexpression Lysate(Denatured)

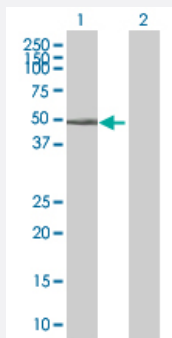
Catalog # H00004761-T01 Size 100 uL

Applications



SDS-PAGE Gel

NEUROD2 transfected lysate.



Western Blot

Lane 1: NEUROD2 transfected lysate (41.3 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-B01](#)) by Western Blots.
SDS-PAGE Gel
NEUROD2 transfected lysate.
Western Blot
Lane 1: NEUROD2 transfected lysate (41.3 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#

=

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](#)