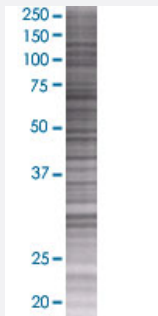


HIF3A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064344-T02

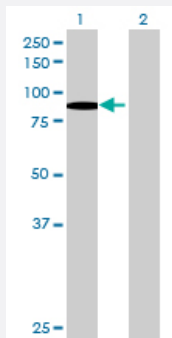
Size 100 uL

Applications



SDS-PAGE Gel

HIF3A transfected lysate.



Western Blot

Lane 1: HIF3A transfected lysate (73.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HIF3A full-length
Host	Human
Theoretical MW (kDa)	73.7
Interspecies Antigen Sequence	Mouse (82); Rat (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HIF3A antibody ([H00064344-B02](#)) by Western Blots.
SDS-PAGE Gel
HIF3A transfected lysate.
Western Blot
Lane 1: HIF3A transfected lysate (73.7 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 — HIF3A

Entrez GeneID

[64344](#)

GeneBank Accession#

[BC080551.1](#)

Protein Accession#

[AAH80551.1](#)

Gene Name

HIF3A

Gene Alias

HIF-3A, HIF-3A2, HIF-3A4, IPAS, MOP7, PASD7, bHLHe17

Gene Description

hypoxia inducible factor 3, alpha subunit

Omim ID

[609976](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. At least three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

hypoxia-inducible factor-3 alpha 4|inhibitory PAS domain protein