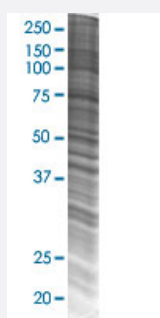


# NANOGP8 293T Cell Transient Overexpression Lysate(Denatured)

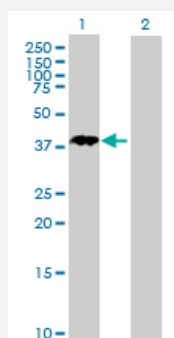
Catalog # H00388112-T02      Size 100 uL

## Applications



### SDS-PAGE Gel

NANOGP8 transfected lysate.



### Western Blot

Lane 1: NANOGP8 transfected lysate ( 34.60 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-NANOGP8 full-length
Host	Human
Theoretical MW (kDa)	34.6

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NANOGP8 antibody ([H00388112-B01P](#)) by Western Blots.  
SDS-PAGE Gel  
NANOGP8 transfected lysate.  
Western Blot  
Lane 1: NANOGP8 transfected lysate ( 34.60 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 — NANOGP8

## Entrez GeneID

[388112](#)

## GeneBank Accession#

[BC069807](#)

## Protein Accession#

[AAH69807](#)

## Gene Name

NANOGP8

## Gene Alias

MGC119250, NANOG, NANOGP1

## Gene Description

Nanog homeobox pseudogene 8

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could potentially encode a protein similar to NANOG. Although there is no evidence of transcription from this pseudogene, RT-PCR studies suggest that NANOG P8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG. [provided by RefSeq]

## Other Designations

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