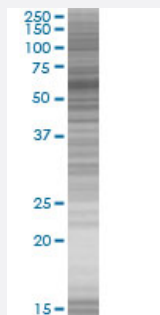


# MYCN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004613-T01

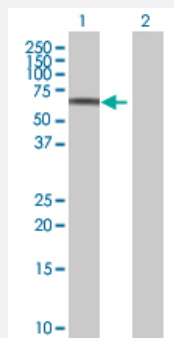
Size 100 uL

## Applications



### SDS-PAGE Gel

MYCN transfected lysate.



### Western Blot

Lane 1: MYCN transfected lysate ( 49.6 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-MYCN full-length

**Host** Human

**Theoretical MW (kDa)** 49.6

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-MYCN antibody ([H00004613-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 MYCN transfected lysate.  
 Western Blot  
 Lane 1: MYCN transfected lysate ( 49.6 KDa)  
 Lane 2: Non-transfected lysate.

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — MYCN

|                            |                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>       | <a href="#">4613</a>                                                                                                                                                                                                                                                                                                                     |
| <b>GeneBank Accession#</b> | <a href="#">NM_005378.4</a>                                                                                                                                                                                                                                                                                                              |
| <b>Protein Accession#</b>  | -                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>           | MYCN                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Alias</b>          | MODED, N-myc, NMYC, ODED, bHLHe37                                                                                                                                                                                                                                                                                                        |
| <b>Gene Description</b>    | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)                                                                                                                                                                                                                                                             |
| <b>Omim ID</b>             | <a href="#">164280</a> <a href="#">164840</a> <a href="#">602585</a>                                                                                                                                                                                                                                                                     |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary</b>        | This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of this gene is associated with a variety of tumors, most notably neuroblastomas. [provided by RefSeq] |
| <b>Other Designations</b>  | N-myc proto-oncogene protein neuroblastoma MYC oncogene neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene oncogene NMYC pp65/67 v-myc avian myelocytomatosis viral related oncogene, neuroblastoma derived v-myc myelocytomatosis viral                                                                          |

## Disease

- [Kidney Neoplasms](#)
- [Wilms Tumor](#)