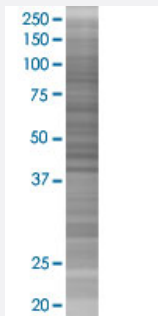


# DYRK1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009149-T02

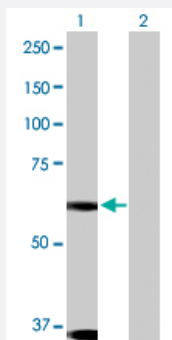
Size 100 uL

## Applications



### SDS-PAGE Gel

DYRK1B transfected lysate.



### Western Blot

Lane 1: DYRK1B transfected lysate ( 69.20 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-DYRK1B full-length
Host	Human
Theoretical MW (kDa)	69.2
Interspecies Antigen Sequence	Mouse (97); Rat (91)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-DYRK1B antibody ([H00009149-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
DYRK1B transfected lysate.  
Western Blot  
Lane 1: DYRK1B transfected lysate ( 69.20 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 — DYRK1B

**Entrez GeneID**[9149](#)**GeneBank Accession#**[NM\\_004714.1](#)**Protein Accession#**[NP\\_004705.1](#)**Gene Name**

DYRK1B

**Gene Alias**

MIRK

**Gene Description**

dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B

**Omim ID**[604556](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

DYRK1B is a member of the DYRK family of protein kinases. DYRK1B contains a bipartite nuclear localization signal and is found mainly in muscle and testis. The protein is proposed to be involved in the regulation of nuclear functions. Three isoforms of DYRK1B have been identified differing in the presence of two alternatively spliced exons within the catalytic domain. [provided by RefSeq]

**Other Designations**

minibrain-related kinase