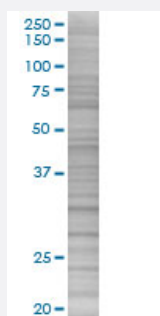


# CD80 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000941-T01

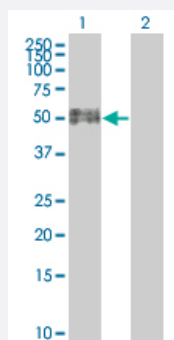
Size 100 uL

## Applications



### SDS-PAGE Gel

CD80 transfected lysate.



### Western Blot

Lane 1: CD80 transfected lysate ( 31.79 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                       |
|-------------------------------|-----------------------|
| Transfected Cell Line         | 293T                  |
| Plasmid                       | pCMV-CD80 full-length |
| Host                          | Human                 |
| Theoretical MW (kDa)          | 31.79                 |
| Interspecies Antigen Sequence | Mouse (46)            |

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CD80 antibody ([H00000941-B01](#)) by Western Blots.  
SDS-PAGE Gel  
CD80 transfected lysate.  
Western Blot  
Lane 1: CD80 transfected lysate ( 31.79 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 — CD80

## Entrez GeneID

[941](#)

## GeneBank Accession#

[NM\\_005191.2](#)

## Protein Accession#

-

## Gene Name

CD80

## Gene Alias

CD28LG, CD28LG1, LAB7

## Gene Description

CD80 molecule

## Omim ID

[112203](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.[supplied by OMIM]

## Other Designations

B-lymphocyte activation antigen B7|CD80 antigen|CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)|costimulatory factor CD80|costimulatory molecule variant IgV-CD80

## Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [Toll-like receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

## Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)

- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)