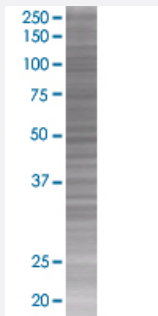


CD28 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000940-T01

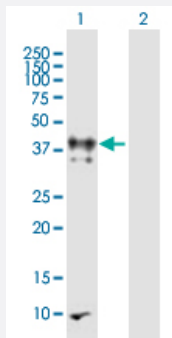
Size 100 uL

Applications



SDS-PAGE Gel

CD28 transfected lysate



Western Blot

Lane 1: CD28 transfected lysate (25.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CD28 full-length
Host	Human
Theoretical MW (kDa)	25.1
Interspecies Antigen Sequence	Mouse (69)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CD28 antibody ([H00000940-B01](#)) by Western Blots.
SDS-PAGE Gel
CD28 transfected lysate
Western Blot
Lane 1: CD28 transfected lysate (25.1 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 — CD28

Entrez GeneID

[940](#)

GeneBank Accession#

[NM_006139](#)

Protein Accession#

[NP_006130](#)

Gene Name

CD28

Gene Alias

MGC138290, Tp44

Gene Description

CD28 molecule

Omim ID

[186760](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interleukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM]

Other Designations

CD28 antigen|CD28 antigen (Tp44)|T-cell-specific surface glycoprotein

Pathway

- [Allograft rejection](#)

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

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Eruptions](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)

- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Occupational Diseases](#)
- [Pemphigus](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Uterine Cervical Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)