



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## CD8B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000926-T02

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

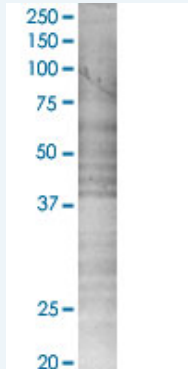
**Plasmid:** pCMV-CD8B full-length

**Host:** Human

**Theoretical MW (kDa):** 27.2

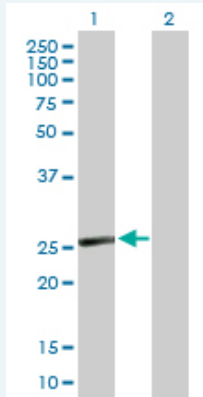
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-CD8B antibody (H00000926-B01P) by Western Blots.

#### SDS-PAGE Gel



CD8B transfected lysate.

#### Western Blot



Lane 1: CD8B transfected lysate ( 27.20 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.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [926](#)

GeneBank Accession#: [NM\\_172213](#)

Protein Accession#: [NP\\_757362.1](#)

Gene Name: CD8B

Gene Alias: CD8B1,LYT3,Leu2,Ly3,MGC119115

Gene Description: CD8b molecule

Omim ID: [186730](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified. [provided by RefSeq]

**Other Designations:** CD8 antigen, beta polypeptide (p37),CD8 antigen, beta polypeptide 1 (p37),CD8b antigen,OTTHUMP00000160761,T lymphocyte surface glycoprotein beta chain,T-cell surface glycoprotein CD8 beta chain

### Gene Pathway

[Antigen processing and presentation](#) [Cell adhesion molecules \(CAMs\)](#)  
[Hematopoietic cell lineage](#) [Primary immunodeficiency](#) [T cell receptor signaling pathway](#)

### Related Disease

[Tobacco Use Disorder](#)