



# 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

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CD8B (Human) Recombinant protein

**Catalog Number:** P9127

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CD8B (P10966, 22 a.a. - 170 a.a) partial recombinant protein with His-tag at N-terminal expressed in *Escherichia Coli*.

**Sequence:** MGSSHHHHH SGLVPRGSH  
MGSLLQTPAY IKVQTNKMVM LSCEAKISLS  
NMRIYWLRQR QAPSSDSHHE FLALWDSAKG  
TIHGEEVEQE KIAVFRDASR FILNLTSVKP  
EDSGIYFCMI VGSPELTFGK GTQLSVVDFL  
PTTAQPTKKS TLKKRVCRLP RPETQKGPLC SP

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 19.2

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 80% by SDS-PAGE.

**Storage Buffer:** In 20mM Tris-HCl buffer, pH 8.0, 0.4M Urea and 10% glycerol.

**Storage Instruction:** Store at 4°C for 2-4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 926

**Gene Symbol:** CD8B

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

**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]