



# 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

### CD8A (Human) Recombinant Protein (P01)

**Catalog Number:** H00000925-P01

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

**Product Description:** Human CD8A full-length ORF (AAH25715, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MALPVTALLLPLALLLHAARPSQFRVSPLDRTWNLGET  
VELKCQVLLSNPTSGCSWLFQPRGAAASPTFLLYLSQ  
NKPAAEGLDTQRFSGKRLGDTFVLTLSDFRRENEGC  
YFCSALSNSIMYFSHFVPVFLPAKPTTTPAPRPPTPAP  
TIASQPLSLRPEACRPAAGGAVHTRGLDFACDIYWAP  
LAGTCGVLLLSLVITLYCNHRNRRRVCKCPRPVVKSG  
DKPSLSARYV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 51.59

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 925

**Gene Symbol:** CD8A

**Gene Alias:** CD8, Leu2, MAL, p32

**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 acts as a corepressor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as 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 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]