



# 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

### CD86 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000942-P01

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

**Product Description:** Human CD86 full-length ORF (AAH40261.1, 1 a.a. - 329 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDPQCTMGLSNILFVMAFLLSGAAPLKIAYFNETADL  
PCQFANSQNSLSELVVFWQDQENLVLNEVYLGKEK  
FDSVHSKYMGRTSFDSWTLRLHNLQIKDKGLYQCII  
HHKKPTGMIRIHQMNSELSVLNFSQPEIVPISNITENV  
YINLTCSSIHGYPEPKMSVLLRRTKNSTIEYDGIMQKSQ  
DNVTELYDVSISLSVSFPDVTSNMTIFCILETDKTRLLSS  
PFSIELEDPPPDHIPWITAVLPTVIICVMVFCLILWKW  
KKKKRPRNSYKCGTNTMERESEQTKKREKIHIPERS  
DETQRVFKSSKTSSCDKSDTCF

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

**Theoretical MW (kDa):** 64.1

**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:** 942

**Gene Symbol:** CD86

**Gene Alias:** B7-2, B70, CD28LG2, LAB72, MGC34413

**Gene Summary:** This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq]