



# 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

**Catalog Number:** P9338

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

**Product Description:** Human CD86 partial recombinant protein with His tag in C-terminus expressed in Baculovirus cells.

**Sequence:**

YFNETADLPCQFANSQSQSLSELVFWQDQENLVLNE  
VYLGKEKFDSVHSKYMGRTSFSDSWTLRLHNLQIKD  
KGLYQCIIHKKPTGMIRIHQMNSELSVLNFSQPEIVPI  
SNITENVYINLTCSSIHGYPEPKMSVLLRRTKNSTIEYD  
GIMQKSQDNVTELYDVSISLSVSFPDVTSNMTIFCILET  
DKTRLLSSPFSIELEDPQPPPDHIPHHHHHH

**Host:** Viruses

**Theoretical MW (kDa):** 25.6

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

**Form:** Liquid

**Preparation Method:** Baculovirus expression system

**Purification:** chromatographic

**Purity:** > 90% as determined by SDS-PAGE.

**Storage Buffer:** Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.

**Storage Instruction:** Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

**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]