



# 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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## Datasheet

### CD86 (Human) Recombinant Protein (Biotin)

**Catalog Number:** P10350

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

**Product Description:** Human CD86 (P42081-11, Leu26-Pro247) partial recombinant protein with His-Avi tag at the C-Terminus expressed in HEK293 cells.

**Sequence:** Leu26-Pro247

**Host:** Human

**Theoretical MW (kDa):** 28.2

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

**Form:** Lyophilized

**Conjugation:** Biotin

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purity:** > 95% by Tris-Bis PAGE

**Endotoxin Level:** < 0.1 EU per 1 ug as determined by the LAL method.

**Activity:** The EC<sub>50</sub> was 1.9 ng/mL, measured by ELISA at 1 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

Tris-Bis PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).

**Storage Instruction:** Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months. 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]