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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CD86 (Human) Recombinant Protein HuPro®

Catalog # : H00000942-H01

規格 : [25 ug]

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Specification

Product Description: Purified CD86 (AAH40261.1, 24 a.a. - 246 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Transfected Cell Line: Human HEK293T cells

Sequence:
 APLKIQAYFNETADLPCQFANSQNGSLSELVFWQDQENLVNEVYLGK
 EKFDVSHSKYMGRTSFDSDSWTLRLHNLQIKDKGLYQCIIHKKPTGMIRI
 HQMNSSELSVLANFSQPEIVPISNITENVYINLTCSSIHGYPEPKKMSVLLRTK
 NSTIEYDGMQKSQDNVTELYDVSISLSVSFPDVTSNMTIFCILETDKTRLL
 SSPFSIELEDPPPPDHI

Host: Human

Theoretical MW (kDa): 29.81

Form: Liquid

Preparation Method: Transfection of pSuper-CD86 plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

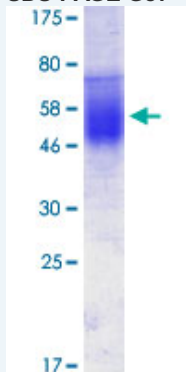
Purification: *Strep*-Tactin affinity columns

Concentration: ≥ 10 ug/ml

Activity: Not Tested

Quality Control Testing: SDS-PAGE and Western Blot

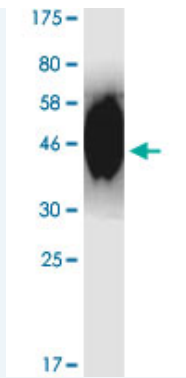
SDS-PAGE Gel



Western Blot

Application Image

Western Blot
 Enzyme-linked Immunoabsorbent Assay
 SDS-PAGE
 Protein Interaction



Storage Buffer: 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

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

Datasheet:  [Download](#)

Applications

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction

Gene Information

Entrez GeneID: [942](#)

GeneBank Accession#: [BC040261.1](#)

Protein Accession#: [AAH40261.1](#)

Gene Name: CD86

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

Gene Description: CD86 molecule

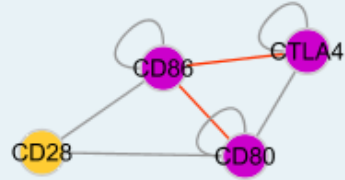
Omim ID: [601020](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: B-lymphocyte activation antigen B7-2,B7-2 antigen,CD28 antigen ligand 2,CD86 antigen,CD86 antigen (CD28 antigen ligand 2, B7-2

Interactome



Gene Pathway

[Allograft rejection](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#)
[Graft-versus-host disease](#) [Systemic lupus erythematosus](#)
[Toll-like receptor signaling pathway](#) [Type I diabetes mellitus](#)

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