

Product datasheet

Recombinant Human CD86 protein (Tagged) (Biotin) ab271376

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Description

Product name	Recombinant Human CD86 protein (Tagged) (Biotin)
Purity	>= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	<u>P42081</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	L SGAAPLKIQA YFNETADLPC QFANSQNQSL SELVVFWDQ ENLVLNEVYL GKEKFDSVHS KYMGRTSFDS DSWTLRLHNL QIKDKGLYQC IIHHKKPTGM IRIHQMNSEL SVLANFSQPE NPISNITEN VYINLTCSIIHGYPEPKKMS VLLRTKNSTIEYDGVMQKSQ DNVTELYDVS ISLSVSFPDV TSNMTIFCIL ETDKTRLLSS PFSIELEDP
Predicted molecular weight	30 kDa including tags
Amino acids	20 to 239
Tags	His tag C-Terminus , DDDDK tag C-Terminus , Avi tag C-Terminus
Conjugation	Biotin

Specifications

Our **Abpromise guarantee** covers the use of **ab271376** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark.

pH: 7.40

Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function

Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.

Tissue specificity

Expressed by activated B-lymphocytes and monocytes.

Sequence similarities

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

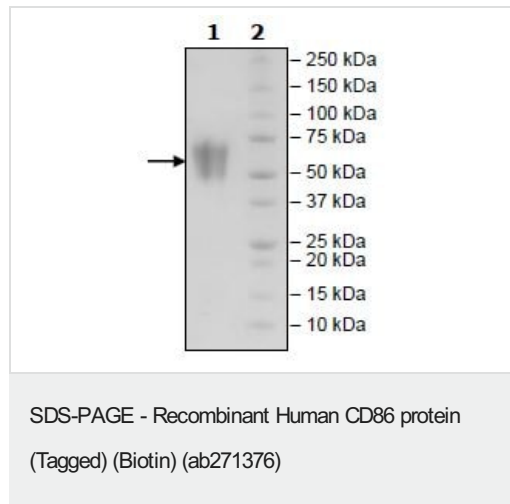
Post-translational modifications

Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.

Cellular localization

Membrane.

Images



SDS-PAGE analysis of 10 µg ab271376.

This protein runs at a higher MW due to glycosylation.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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