

Product datasheet

Recombinant Human PD-L1 (mutated I54A) protein (Tagged) (Biotin) ab271695

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human PD-L1 (mutated I54A) protein (Tagged) (Biotin)
Purity	>= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	Q9NZQ7
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	54 kDa including tags
Amino acids	19 to 239
Modifications	biotinylated , mutated I54A
Tags	Avi tag C-Terminus , Fc tag C-Terminus
Additional sequence information	Human IgG1 Fc
Conjugation	Biotin

Specifications

Our **[Abpromise guarantee](#)** covers the use of **ab271695** 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

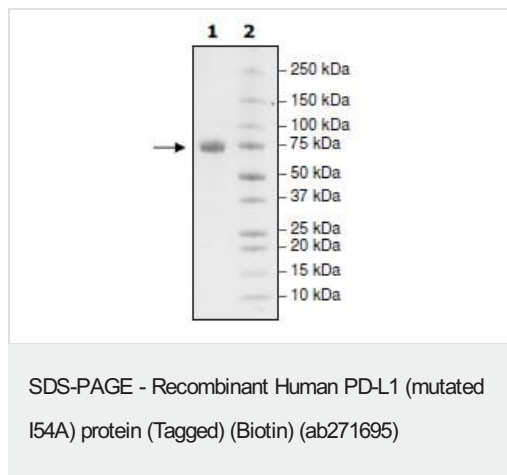
Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40
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Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function	Involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation and cytokine production.
Tissue specificity	Highly expressed in the heart, skeletal muscle, placenta and lung. Weakly expressed in the thymus, spleen, kidney and liver. Expressed on activated T- and B-cells, dendritic cells, keratinocytes and monocytes.
Sequence similarities	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Cell membrane and Endomembrane system.

Images



SDS-PAGE analysis of ab271695.

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

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