

Product datasheet

Recombinant Rhesus monkey PD-L1 protein ab201421

1 Image

Description

Product name	Recombinant Rhesus monkey PD-L1 protein	
Purity	> 90 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	F6VEW6	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Rhesus monkey	
Sequence	FT VTVPKDLYVV EYGSNMTIEC KFPVEKQLDL TSLIVYWEME DKNIIQFVHG EEDLKVQHSN YRQRAQLLKD QLSLGNAAALR ITDVKLQDAG VYRCMISYGG ADYKRITVKV NAPYNKINQR ILVVDPVTSE HELTCQAEGY PKAEVIWTSS DHQVLSGKTT TTNSKREEKL LNVSTLRIN TTANEIFYCI FRRLDPEENH TAELVPELP LALPPNER	
Predicted molecular weight	52 kDa including tags	
Amino acids	19 to 238	
Additional sequence information	Fused with a Human IgG1 Fc tag at the C-terminus.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab201421** 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	Lyophilised
Additional notes	Lyophilized from 0.22 µm filtered solution

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

pH: 7.5

Constituents: 0.61% Tris, 0.75% Glycine, 3% Trehalose

5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is mostly about 3-5%

Reconstitution

It is recommended to reconstitute the lyophilized product in 100 µl sterile deionized water to a final concentration of 1 mg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage.

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.

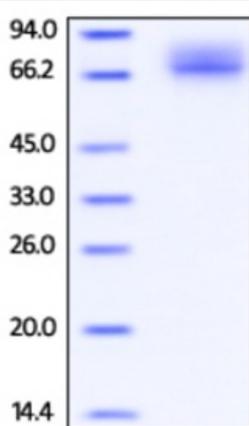
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

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

Cellular localization

Cell membrane and Endomembrane system.

Images



SDS-PAGE - Recombinant Rhesus monkey PD-L1 protein (ab201421)

The purity of ab201421 was determined by DTT-reduced (+) SDS-PAGE and staining overnight with Coomassie Blue. DTT-reduced Protein migrates as 66-80 kDa in SDS-PAGE due to glycosylation.

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

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