

## Product datasheet

# Recombinant Human PD-L1 protein (Fc Chimera) ab270581

### Description

<b>Product name</b>	Recombinant Human PD-L1 protein (Fc Chimera)	
<b>Purity</b>	> 95 % SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	Mammalian	
<b>Accession</b>	<a href="#">Q9NZQ7</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	FTVTVPKDLVVEYGSNMTIECKFPVEKQLDLAALIVWE MEDKNIIQFV HGEEDLKVQHSSYRQRARLLKDQLSLGNAALQITDVKLQD AGVYRCMISY GGADYKRITVKVNAPYNKINQRILVDPVTSEHELTCQAE YPKAEVIWT SSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCT FRRLDPEE NHTAELVIPELPLAHPNERT	
<b>Predicted molecular weight</b>	25 kDa	
<b>Amino acids</b>	19 to 239	
<b>Tags</b>	Fc tag C-Terminus	
<b>Additional sequence information</b>	Mouse Fc tag	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab270581** in the following tested applications.

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

**Form** Lyophilized

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at room temperature. Store at -20°C. pH: 7.40 Constituent: PBS  Buffer lyophilized from
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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## General Info

<b>Function</b>	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.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	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.
<b>Cellular localization</b>	Cell membrane and Endomembrane system.

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

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## Our Abpromise to you: Quality guaranteed and expert technical support

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- Valid for 12 months from date of delivery
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