

### Recombinant Human PD-L1 protein ab151390

#### Description

<b>Product name</b>	Recombinant Human PD-L1 protein
<b>Purity</b>	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<u><a href="#">Q9NZQ7</a></u>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	FTVTVPKDLVVEYGSNMTIECKFPVEKQLDLAALVYWE MEDKNIIQFV HGEEDLKVQHSSYRQRARLLKDQLSLGNAALQITDVKLQD AGVYRCMISY GGADYKRITVKVNAPYNKINQRILVDPVTSEHELTCQAEG YPKAEVIWT SSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCT FRRLDPEE NHTAELVIPELPLAHPNERTVDHHHHHH
<b>Predicted molecular weight</b>	26 kDa including tags
<b>Amino acids</b>	19 to 239
<b>Tags</b>	His tag C-Terminus

#### Specifications

Our **Abpromise guarantee** covers the use of **ab151390** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized

#### Preparation and Storage

<b>Stability and Storage</b>	<p>Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.</p> <p>pH: 7.40</p> <p>Constituents: 94% Phosphate Buffer, 5% Trehalose, 0.88% Sodium chloride</p>
<b>Reconstitution</b>	<p>Lyophilized from a 0.2 µM filtered solution. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>

## General Info

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<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>	<p>Belongs to the immunoglobulin superfamily. BTN/MOG family.</p> <p>Contains 1 Ig-like C2-type (immunoglobulin-like) domain.</p> <p>Contains 1 Ig-like V-type (immunoglobulin-like) domain.</p>
<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"

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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