

CHAMOT

**重组人细胞程序性死亡-配体1 /Recombinant PD-L1,
Human, HEK293, Animal-Free**

CM191-5HP

CM191-20HP

CM191-100HP

CM191-500HP

CM191-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人细胞程序性死亡-配体1 /Recombinant PD-L1, Human, HEK293, Animal-Free

产品编号	CM191-5HP	CM191-20HP	CM191-100HP	CM191-500HP	CM191-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

PD-L1 regulates immune responses by binding to the immunoinhibitory receptor PD-1 on activated T-cells and B-cells. This interaction can suppress T-cell responses by inducing apoptosis and arresting cell-cycle progression. In cancer, PD-L1's role in reducing antigen-specific T cells can promote tumor growth and immune evasion. As a result, PD-L1 is considered as a potential therapeutic target for autoimmune diseases and cancer.

别称

CD274, B7-H1

蛋白编码

Q9NZQ7.1

分子量

The protein has a calculated MW of 26 kDa. The protein migrates as 30-35 kDa under reducing condition (SDS-PAGE analysis).

表达系统

HEK293 cell

纯度

>95% as determined by SDS-PAGE analysis.

生物活性

Measure by its ability to induce adhesion in T-cell enriched PBMC cultures using a concentration range of 1-2 µg/mL.

内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列

A DNA sequence encoding Human PD-L1 Protein (#Q9NZQ7.1)(Phe19-Arg238) was expressed with polyhistidine tag at the C-terminus.

产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

产品应用

Cell Culture

产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

2. Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H₂O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.

Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

- Store at 2°C to 8°C for up to 1 week.

3. Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

产品储存/运输

Lyophilized Protein: Store at -20°C for 1 year.

储存

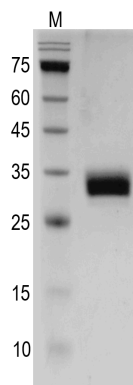
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

Extended Storage: Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

运输

Blue Ice

实验数据展示



SDS-PAGE analysis of recombinant human PD-L1

For Research Use or Further Manufacturing Only

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