

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

CONTENT

1

产品简介

2

产品使用

3

产品储存/运输

4

实验数据展示

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 ($\geq 20 \mu\text{l}$).
- 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.

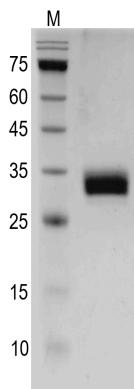
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491