

CHAMOT

**重组人CD326 /Recombinant CD326, Human,
Animal-Free**

CM145-5HP

CM145-20HP

CM145-100HP

CM145-500HP

CM145-1000HP



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CD326 /Recombinant CD326, Human, Animal-Free

产品编号	CM145-5HP	CM145-20HP	CM145-100HP	CM145-500HP	CM145-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述	Human CD326 also called epithelial cellular adhesion molecule (EpCAM), which is a 28 kDa protein containing 242 amino acid residues. Human CD326 is a transmembrane glycoprotein, which is a marker of cancer. CD326 induces the expression of c-myc, cyclins A & E and e-fabp which is involved the cancer cell proliferation and migration.
别称	EPCAM, DIAR5, EGP-2, EGP314, EGP40, ESA, HNPCC8, KS1/4, KSA, M4S1, MIC18, MK-1, TACSTD1, TROP1
蛋白编码	P16422
分子量	The protein has a calculated MW of 28.36 kDa. The protein migrates as 30 kDa under reducing condition (SDS-PAGE analysis).
表达系统	Escherichia coli
纯度	>95% as determined by SDS-PAGE.
生物活性	Measure by the ability of the immobilized protein to support the adhesion of the 3T3 cells. The ED ₅₀ for this effect is 0.2-1.7 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MQEECVCENYKLAVNCFVNNNRQCQCTSVGAQNTVICSKLAAKCLVMKAEMNGSKLGRRRA KPEGALQNNDGLYDPDCDESGLFKAKQCNGTSMCWCVNTAGVRRTDKDTEITCSERVRTYW IIIELKHKAREKPYDSKSLRTALQKEITTRYQLDPKFITSILYENNVITIDLVQNSSQKTQNDVDIAD VAYYFEKDVKGESLFHSSKMDLTVNGEQLDLPQGTLIYYVDEKAPEFSMQGLK 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 8.0. 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

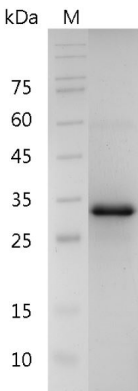
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



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