

CHAMOT

Recombinant Human CD326

CM145-5HP
CM145-20HP
CM145-100HP
CM145-500HP
CM145-1000HP



CHAMOT

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CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

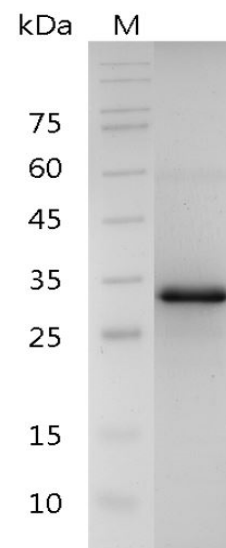
Recombinant Human CD326

编号:	CM145-5HP CM145-20HP CM145-100HP CM145-500HP CM145-1000HP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: Epithelial cell adhesion molecule (EpCAM) / CD326 is a pan-epithelial differentiation antigen that is expressed on almost all carcinomas as 17-1A(mAb) antigen. Besides, EpCAM is also involved in cell signaling, migration, proliferation, and differentiation. It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signaling and polarity. Recently, The epithelial cell adhesion molecule (Ep-CAM) is known to express in most epithelial malignancies and was reported as a tumor marker or a candidate of molecular targeting therapy. EpCAM can be used as diagnostic marker for various cancers. It appears to play a role in tumorigenesis and metastasis of carcinomas, so it can also act as a prognostic marker and as a potential target for immunotherapeutic strategies.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography.



SDS-PAGE analysis of recombinant human CD326

生物学活性: Measure by the ability of the immobilized protein to support the adhesion of the 3T3 cells. The ED₅₀ for this effect is 0.2-1.7ng/mL.

内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MQEEVCENYKLAVNCFVNNNRQC
 QCTSVGAQNTVICKLAACKLVMKAE
 MNGSKLGRRAPKPEALQNNGLYD
 PDCDESLFKAKQCNGTSMCWCVN
 TAGVRRTDKDTEITCSERVITYWIIEL
 KHKAREKPYDSKSLRTALQKEITTRYQ
 LDPKFITSILYENNVITIDLVQNSSQKT
 QNDVDIADVAYYFEKDVKGESLFHSK
 KMDLTVNGEQLDLDPGQTLIYYVDEK
 APEFSMQGLK with polyhistidine tag at the C-terminus

产品组成

成分: 从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式: 蓝冰

产品使用

- 1、开盖前, 建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉, 溶液浓度不低于100µg/mL, 不高于1mg/mL, 并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液, 2 -8°C无菌保存不超过1周。
- 4、如需长期保存, 推荐使用无菌的含载体蛋白 (如0.1 %BSA、10 %FBS 或5 %HSA) 的溶液进一步稀释 (不低于10ug/mL) 后分装保存, -20°C至 -80°C无菌保存3到6个月。无血清实验需求时, 可更换为 5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;

FACS= Fluorescence activated Cell Sorting; FA= Functional Assay

Chamot Biotechnology (Shanghai) Co., Ltd.

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