

XXXXXX XXXXXX

1. 2019年12月31日，公司总资产为1,000,000,000.00元，净资产为500,000,000.00元，营业收入为1,200,000,000.00元，净利润为100,000,000.00元。

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Applications

XXXXXXXXXX

Growth properties  

XXXXXXXXXX XXXXXXXXXXXXXXXXXX

CellosaurusAccession CVCL_6G21

HEK293-CXCR4 | 305420

GMO Status GMO-S1: HEK293 cells expressing CXCR4 GPCR (Cytion 820700a)

HEK293-CXCR4 (CD184)

Receptors expressed CXCR4 (CD184)

HEK293

Culture Medium RPMI 1640, w: 2.0 mM NaH_2PO_4 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS, 1 mM NaH_2PO_4 , 10 mM HEPES, 1% NEAA. Geneticin (G418-Sulfat) 1 mg/ml

Dissociation Reagent EDTA

Doubling time 24–36 h

Subculturing Cells are grown in 96-well plates. Cells are harvested by centrifugation at 400g for 5 min. Cells are resuspended in PBS and counted. Cells are seeded into 96-well plates at a density of 2–3 cells per well. Cells are grown in 5% CO_2 .

Split ratio 1 : 5

Seeding density $2 \times 10^4 \times \frac{4}{1000000}$

Fluid renewal 2–3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C. Cells are resuspended in PBS and counted. Cells are seeded into 96-well plates at a density of 2–3 cells per well. Cells are grown in 5% CO_2 .

Freeze medium Cells are grown in 96-well plates. Cells are harvested by centrifugation at 400g for 5 min. Cells are resuspended in PBS and counted. Cells are seeded into 96-well plates at a density of 2–3 cells per well. Cells are grown in 5% CO_2 .

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**Thawing and
Culturing Cells**

1. 将冻存管放入37°C水浴中快速解冻，离心后重悬于完全培养基中，接种于预先铺有细胞贴壁液的培养瓶中。
2. 将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
3. 待细胞贴壁后，更换为新鲜完全培养基，继续培养37°C、5% CO₂条件下培养。
4. 当细胞密度达到70%左右时，可进行传代培养。
5. 将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养。
6. 当细胞密度达到70%左右时，可进行传代培养。
7. 将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养。
8. 当细胞密度达到70%左右时，可进行传代培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养。

**Shipping
Conditions**

将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养。

**Storage
Conditions**

将细胞悬液接种于预先铺有细胞贴壁液的培养瓶中，在37°C、5% CO₂条件下培养。

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Sterility

本产品经严格灭菌处理，不含任何病原体。本产品经严格灭菌处理，不含任何病原体。本产品经严格灭菌处理，不含任何病原体。