

CHO-CCR8 | 305418

CHO-CCR8

Description	CHO-CCR8 is a CHO cell line expressing the CCR8 receptor. It is derived from the CHO-K1 cell line and is used for the production of recombinant proteins. The cells are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin/streptomycin. The cells are typically grown in 25 cm² flasks and are passaged every 2-3 weeks. The cells are characterized by their high growth rate and ability to produce large quantities of recombinant protein. CHO-CCR8 cells are used for the production of recombinant CCR8 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin/streptomycin. The cells are typically grown in 25 cm² flasks and are passaged every 2-3 weeks. The cells are characterized by their high growth rate and ability to produce large quantities of recombinant protein.
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Organism	CHO
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Tissue	CHO
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Disease	CCR8
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Applications	CHO-CCR8 cells are used for the production of recombinant CCR8 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin/streptomycin. The cells are typically grown in 25 cm ² flasks and are passaged every 2-3 weeks. The cells are characterized by their high growth rate and ability to produce large quantities of recombinant protein.
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CHO-CCR8

Age	CHO
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Gender	CHO
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Morphology	CHO
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Cell type	CHO
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Growth properties	CHO
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CHO-CCR8

Citation	CHO-CCR8 (CHO-CCR8 Cytion 305418)
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Biosafety level	1
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NCBI_TaxID	10029
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CellosaurusAccession	CVCL_A8V6
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Product sheet

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GMO Status GMO-S1: CHO CHO CCR8 GPCR. CHO CHO GPCR. CHO CHO

CHO-CCR8

Receptors expressed CCR8 (CHEMR1 CDw198)

CHO

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L, w: 2.5 mM L-Ascorbic acid, w: 15 mM HEPES, w: 0.5 mM β -mercaptoethanol, w: 820400a)
CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039)

Supplements 5% FBS. Geneticin (G418-Sulfat) 0.5 mg/ml

Dissociation Reagent EDTA

Doubling time 14–16 days

Subculturing CHO cells are grown in CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039) in the presence of 5% FBS. Cells are passaged into fresh medium at a density of 2–3 $\times 10^5$ cells per flask.

Split ratio 1 : 5

Seeding density 2×10^5 cells per flask

Fluid renewal 2–3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C and then diluted into CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039) containing 5% FBS. Cells are then seeded into T25 flasks at a density of 1–2 $\times 10^5$ cells per flask.

Freeze medium Cells are harvested into a tube containing 10% DMSO in CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039) and then frozen at -80°C.

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**Thawing and
Culturing Cells**

1. 将冻存管放入 37°C 水浴中快速解冻，然后将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中。
2. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养。
3. 当细胞达到 80% 汇合度时，将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中。
4. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养。
5. 当细胞达到 80% 汇合度时，将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中。
6. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养。
7. 当细胞达到 80% 汇合度时，将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中。
8. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液转移到含有 1 mL 完全培养基的冻存管中，并在 37°C、5% CO₂ 下培养。

**Shipping
Conditions**

将细胞悬液转移到含有 1 mL 完全培养基的冻存管中，并在 37°C、5% CO₂ 下培养。

**Storage
Conditions**

将细胞悬液转移到含有 1 mL 完全培养基的冻存管中，并在 37°C、5% CO₂ 下培养。

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Sterility

细胞悬液在 37°C、5% CO₂ 下培养，并在 37°C、5% CO₂ 下培养。