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HEK293-CCR8 細胞は HEK293 細胞に CCR8 遺伝子をコードする cDNA を共発現させ、22,000 (GPCR) 細胞あたり 1000 T 細胞 (Tregs) を加えて、細胞を培養した。

CCR8

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[illegible]

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HEK293-CCR8 (XXXX XXXXXX Cytion 305426)

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GMO-S1: HEK293 CCR8, , .

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CCR8 (CHEMR1 ~~XX~~CDw198)

HEK293-CCR8 | 305426

HEK293-CCR8

Culture Medium	RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)
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Supplements	10% FBS, 1 mM CaCl_2 , 10 mM HEPES, 1% NEAA. Geneticin (G418-Sulfat) 1 mg/ml
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Dissociation Reagent	EDTA
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Subculturing	Cells are grown in 25 cm ² flasks. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. Media is replaced every 2-3 days.
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Fluid renewal	2-3 times per week
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Post-Thaw Recovery	After thawing, cells are seeded into 25 cm ² flasks. Media is replaced every 24 hours. Cells are allowed to recover for 2-3 days before use.
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Freeze medium	Cells are frozen in 10% FBS + 10% DMSO. Media is replaced every 24 hours.
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Thawing and Culturing Cells	- Cells are thawed in a 37°C water bath. - Cells are seeded into 25 cm² flasks. - Media is replaced every 24 hours. - Cells are allowed to recover for 2-3 days. - Cells are seeded into 25 cm² flasks. - Media is replaced every 24 hours. - Cells are allowed to recover for 2-3 days. - Cells are seeded into 25 cm² flasks.
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Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Adherent, non-adherent, and non-adherent, non-adherent

Freezing
Procedure

Freeze cells in 10% FBS, 90% serum-free medium. Freeze at -78°C

Shipping
Conditions

Shipped in dry ice, stored at -78°C

Storage
Conditions

Store at -150 to -196 °C in liquid nitrogen

Genotype / Phenotype / HLA

Sterility

PCR confirmed negative for mycoplasma contamination. Sterility confirmed by PCR. No mycoplasma detected. No mycoplasma detected. No mycoplasma detected.