

Product sheet

HEK293-IL13RA2 | 305988

HEK293-IL13RA2

Description HEK293-IL13RA2 is a HEK293 cell line stably expressing the human IL13RA2 receptor. The cells are maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The cells are grown in 25 cm² flasks at 37°C and 5% CO₂. The cells are typically used for the production of recombinant proteins. The cells are available as a suspension culture.

Organism Human

Tissue Kidney

HEK293-IL13RA2

Age 1-6

Gender Male

Morphology Adherent

Growth properties Adherent, 37°C, 5% CO₂

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Citation HEK293-IL13RA2 (HEK293 Cytion 305988)

Biosafety level 1

NCBI_TaxID 9606

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Receptors expressed IL13RA2

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Culture Medium RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO₃ (HEK293 Cytion 820700a)

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Supplements	10% FBS, 1 mM β -mercaptoethanol, 10 mM HEPES, 1% NEAA. Geneticin (G418-Sulfat) 1 μ g/ml
Dissociation Reagent	EDTA
Subculturing	1:2 to 1:3 in α -PBS with 10% FBS, 1 mM β -mercaptoethanol, 10 mM HEPES, 1% NEAA, 1 μ g/ml Geneticin. Split into 2-3 wells.
Fluid renewal	2-3 times per week
Post-Thaw Recovery	1:2 to 1:3 in T25 flasks with 10% FBS, 1 mM β -mercaptoethanol, 10 mM HEPES, 1% NEAA, 1 μ g/ml Geneticin. 24 hours recovery.
Freeze medium	10% FBS + 10% DMSO
Thawing and Culturing Cells	<ol style="list-style-type: none">Thaw cells in a 37°C water bath.Centrifuge at 300 x g for 3 minutes.Wash cells in α-PBS with 10% FBS, 1 mM β-mercaptoethanol, 10 mM HEPES, 1% NEAA, 1 μg/ml Geneticin.Resuspend cells in 70% α-PBS with 10% FBS.Seed cells into a 15 cm² flask with 8 ml of medium.Incubate at 37°C for 24 hours.Subculture into a T25 flask with 10 ml of medium.Incubate at 37°C for 24 hours.
Incubation Atmosphere	37°C, 5% CO ₂
Shipping Conditions	8°C

