Product sheet

[redacted] RF/6A | 305150

[redacted]

Description	[redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	Normal retinal choroidal endothelium (fetal; non-tumorigenic)
Metastatic site	Not applicable (normal fetal retinal choroidal endothelial cell line)
Applications	Ocular angiogenesis research; retinal and choroidal vascularization; anti-VEGF therapy evaluation (bevacizumab, ranibizumab); AMD and diabetic retinopathy modeling; tube formation assays; vascular permeability; NHP primate retinal endothelial model

[redacted]

Age	[redacted]
Gender	Sex unspecified
Ethnicity	Not applicable (non-human primate cell line; Macaca mulatta)
Morphology	[redacted]
Cell type	Endothelial cells
Growth properties	[redacted]

[redacted]

Citation	RF/6A ([redacted] Cytion 305150)
Biosafety level	1
NCBI_TaxID	9544
CellosaurusAccession	CVCL_4552

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GMO Status	No genetic modification; wildtype rhesus macaque fetal retinal choroidal endothelial cell line

[redacted]

Protein expression	[redacted]

[redacted]

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS ([redacted] Cytion 820100a)
Supplements	[redacted] FBS 10% [redacted] NEAA 1%
Dissociation Reagent	[redacted]
Doubling time	approx. 24 to 36 hours
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Split ratio	1:2 [redacted] 1:4
Seeding density	1 to 2 × 10^4 cells/cm^2
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	After thawing, plate the cells at 5 × 10^4 cells/cm^2 and allow at least 24 hours for adherence before the first medium change. Do not allow cultures to reach full confluency as contact inhibition may reduce endothelial phenotype.
Freeze medium	[redacted] [redacted] (FBS) + 10% DMSO

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Thawing and Culturing Cells	1. 2. cryovial -150 3. 37°C 4. 70% 5. 15 6. 300 x g 3 7. 10 8.
Incubation Atmosphere	37°C, 5% $_{CO2}$,
Flask Coating	
Freezing Procedure	
Shipping Conditions	
Storage Conditions	−150 −196 °C

/ / HLA

Sterility	PCR