Product sheet

[redacted] RF/6A | 305150

[redacted] [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] [redacted]

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

RF/6A | 305150

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

[illegible]

Protein expression	[illegible]

[illegible]

Culture Medium	EMEM (MEM Eagle) [illegible] 2 [illegible] [illegible]- [illegible] 2.2 [illegible] NaHCO3 [illegible] EBSS ([illegible] [illegible] 820100a [illegible])
Supplements	[illegible] [illegible] [illegible] 10 [illegible] [illegible] [illegible] [illegible] [illegible] 1 [illegible] [illegible] [illegible] [illegible]
Dissociation Reagent	[illegible]
Doubling time	approx. 24 to 36 hours
Subculturing	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] PBS [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Split ratio	1:2 [illegible] 1:4
Seeding density	1 to 2 × 10^4 cells/cm^2
Fluid renewal	2 [illegible] 3 [illegible] [illegible] [illegible]
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	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ([illegible] [illegible] [illegible] FBS) + 10% DMSO [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

RF/6A | 305150

Thawing and Culturing Cells	1. 2. 3. 4. 5. 15 8 6. 300 × 3 7. 10 8.
Incubation Atmosphere	37
Flask Coating	
Freezing Procedure	-78
Shipping Conditions	-78
Storage Conditions	-150 -196

/ / HLA

Sterility	(PCR)