

Product sheet

HEK293-CXCR4 | 305420

Description	/ 6,250				
	HEK293-CXCR4	HEK293	CXCR4	7,800	inscreenex
		CXCR4			

Organism

Tissue					
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Disease	/	HEK293			
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Applications	CXCR4	GPCR	SDF-1/CXCL12	HIV	
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Age					
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Gender

Morphology					
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Cell type

Growth properties					
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Citation	HEK293-CXCR4	Cytion	305420		
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Biosafety level

1

NCBI_TaxID	9606				
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CellosaurusAccession

CVCL_6G21

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GMO Status	GMO-S1	HEK293	CXCR4	GPCR
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Receptors expressed	CXCR4 CD184
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO ₃	Cytion	820700a
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Supplements	10% FBS 1 mM	10 mM HEPES	1% NEAA	G418-	1 mg/mL
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Dissociation Reagent	-EDTA
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Doubling time	24-36
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Subculturing	PBS	PBS5%	2-3	/EDTA	T25	1	T75	3	37°C
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Split ratio	1 5
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Seeding density	2 4×10 ⁴ /
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Fluid renewal	2 3
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Post-Thaw Recovery	1:2 1:3	T25	24
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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and
Culturing Cells

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|----|---------|--------|-----|-------|-----|
| 1. | | | | | |
| 2. | | -150°C | | | 3 |
| 3. | | 37°C | | 40-60 | |
| 4. | | | 70% | | |
| 5. | | 8 | 15 | | |
| 6. | 300 x g | 3 | | | |
| 7. | 10 | | | T25 | T25 |
| 8. | | | | | |

Incubation
Atmosphere

37°C, 5%_{CO2}

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR