Product sheet

[redacted] CCRF-CEM | 300147

[redacted]

Description	[redacted] CCRF-CEM [redacted] CCRF-CEM [redacted] [redacted] CCRF-CEM [redacted] [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	CCRF/CEM, CCRFCEM, CCRF.CEM, CCRF CEM, CCRF, CEM, CEM-CCRF, CEM-CCRF (CAMR), CCRF/CEM/0, CEM/0, CEM-0, CCRF-CEM/S, GM03671, GM03671C

[redacted]

Age	4 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted], [redacted], [redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	CCRF-CEM ([redacted] Cytion 300147)
Biosafety level	1
NCBI_TaxID	9606

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CellosaurusAccession	CVCL_0207

[redacted]

Protein expression	P53 [redacted]
Antigen expression	[redacted]3 [redacted] (37%), [redacted]4 (50%), [redacted]5 (95%), [redacted]7 (77%)
Isoenzymes	[redacted]6 [redacted], [redacted]
Tumorigenic	[redacted] [redacted]
Viruses	[redacted] EBV
Reverse transcriptase	[redacted]
Ploidy status	[redacted]
MSI-status	[redacted] (MSI)

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 [redacted]/ [redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS [redacted] 10%
Doubling time	24 [redacted]
Subculturing	[redacted] 5 x 10
Seeding density	[redacted] 1 x 10
Fluid renewal	[redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] 48 [redacted]

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

[redacted] / [redacted] / HLA

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Sterility	[redacted] PCR [redacted] [redacted]
[redacted] **HLA**	**A***: '01:01:01, '31:01:02 **B***: '08:01:01, '40:01:02 **C***: '03:04:01, '07:01:01 **DRB1***: '03:01:01, '07:01:01 **DQA1***: '02:01:01, '05:01:01 **DQB1***: '02:01:01, '02:02:01 **DPB1***: '04:01:01, '13:XX