Product sheet

SaOS-2 | 300331

[redacted]

Description	[redacted] Saos-2 [redacted] osteosarcoma [redacted] osteogenic sarcoma [redacted] Saos-2 [redacted] Saos-2 [redacted] (aneuploid karyotype) [redacted] Saos-2 [redacted] (osteosarc [redacted] Saos-2 [redacted] Saos-2 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	SAOS-2, Saos-2, SAOS 2, Saos 2, Saos2, SaOs2, SAOS2, Sarcoma OSteogenic-2, SaOS, SAOS

[redacted]

Age	11 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted], [redacted]

[redacted]

Citation	SaOS-2 ([redacted] Cytion 300331)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0548

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[redacted]

Receptors expressed	[redacted] (EGF), [redacted] ([redacted] 1 [redacted] 2)
Antigen expression	[redacted] B, Rh+, HLA A2, A3, Bw16, Bw47
Isoenzymes	Me-2, 1, PGM3, 1-2, PGM1, 1-2, ES-D, 2, AK-1, 1, GLO-1, 2, G6PD, B, [redacted]: 0.0002
Tumorigenic	[redacted]
MSI-status	[redacted] (MSS)
Karyotype	[redacted] 56 [redacted] 2S [redacted]

[redacted]

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 [redacted]/[redacted], w: 2.5 [redacted] L-[redacted], w: 15 [redacted] HEPES, w: 0.5 [redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Doubling time	35 [redacted] 40 [redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 x 10^{4} [redacted]^2/[redacted]
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	[redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

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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

Sterility	[redacted] PCR [redacted]

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[redacted] HLA	**A***: '02:01:01, '24:02:01 **B***: 13:02:01, 44:27:01 **C***: '06:02:01, '07:04:01 **DRB1***: '11:04:01, '12:01:01 **DQA1***: '05:05:01 **DQB1***: '03:01:01 **DPB1***: '02:01:02, '04:01:01 **E**: '01:01:01, '01:03:01