

Product sheet

SaOS-2 | 300331

Description

Saos-2 11

Saos-2

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Organism

Tissue

Disease

Synonyms

SAOS-2, Saos-2, SAOS 2, Saos 2, Saos2, SaOs2, SAOS2, Sarcoma OSteogenic-2, SaOS, SAOS

Age

11

Gender

Ethnicity

Morphology

Growth properties

Citation

SaOS-2 Cytion 300331

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_0548

Receptors expressed	EGF	beta 1	2										
Antigen expression	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	0.0002											
Tumorigenic													
MSI-status	(MSS)												
Karyotype	56 2S 13.2%												
Culture Medium	DMEM:Ham's F12 1:1 w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO3 Cytion	8											
Supplements	10% FBS												
Dissociation Reagent	Accutase												
Doubling time	35 40												
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5												
Split ratio	1:2 1:4												
Seeding density	1 × 10 ⁴ /												
Fluid renewal	2 3												
Post-Thaw Recovery													
Freeze medium	FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100												

Thawing and Culturing Cells

-
- 150°C
- 37°C
- 70%
- 8 15
- 300 x g 3
- 10 T25 T25
-

Incubation Atmosphere

37°C, 5% CO₂,

Flask Coating

Freezing Procedure

-78 °C

Shipping Conditions

-78 °C

Storage Conditions

-150 -196 -80 °C

Sterility

PCR

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STR

CSF1PO: 10
D13S317: 12,13
D16S539: 12,13
D5S818: 12
D7S820: 8,1
TH01: 6,9
TPOX: 8
vWA: 18
D3S1358: 14,18
D21S11: 28,3
D18S51: 15
Penta E: 14,19
Penta D: 11,12
D8S1179: 10,12
FGA: 22,25

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