Product sheet

SH-SY5Y | 300154

[redacted]

Description	[redacted] SH-SY5Y [redacted] SK-N-SH [redacted] SH-SY5Y [redacted] SH-SY5Y [redacted] SH-SY5Y [redacted] SH-SY5Y [redacted] SH-SY5Y [redacted] neuroblasto
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Metastatic site	[redacted]
Synonyms	SH-Sy5y, SHSY5Y, SHSY-5Y, SK-SH-SY5Y, SY5Y, SH-SY5Y [redacted]

[redacted]

Age	4 [redacted]
Gender	[redacted]
Morphology	[redacted] ([redacted]) [redacted]
Cell type	[redacted]
Growth properties	[redacted] [redacted]

[redacted]

Citation	SH-SY5Y ([redacted] Cytion 300154)
Biosafety level	1

[redacted] SH-SY5Y | 300154

NCBI_TaxID	9606
CellosaurusAccession	CVCL_0019

[redacted]

Tumorigenic	[redacted] 3-4 [redacted]
Karyotype	[redacted] SH-SY5Y [redacted]

[redacted]

Culture Medium	[redacted] EMEM [redacted] Ham's F12 [redacted] 50:50 ([redacted] Cytion 820100a [redacted] 820600a)
Supplements	[redacted] FBS 15% [redacted] NEAA 1%
Dissociation Reagent	[redacted]
Subculturing	[redacted]
Seeding density	[redacted] 80-90% [redacted] 1-2 [redacted]
Fluid renewal	1 [redacted] 2 [redacted]
Freeze medium	[redacted] 50% basal medium + 40% FBS + 10% DMSO [redacted] CM-1 ([redacted]

[redacted] SH-SY5Y | 300154

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]

[redacted] SH-SY5Y | 300154

[redacted] HLA	**A***: '01:01:01, '24:02:01 **B***: '18:01:01, '49:01:01 **C***: '07:01:01 **DRB1***: '11:04:01, '13:01:01 **DQA1***: '01:03:01, '05:05:01 **DQB1***: '03:01:01, '06:03:01 **DPB1***: '02:01:02, '04:01:01 **E**: '01:01, '01:03