Product sheet

LS513 [redacted] | 300457

[redacted]

Description	[redacted] LS513 [redacted] [redacted] LS513 [redacted] [redacted] p53 [redacted] beta-1 [redacted] LS513 [redacted] TGF beta-2 [redacted] LS513 [redacted] 1 (ICA
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	LS513, LS 513

[redacted]

Age	63 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	LS513 ([redacted] Cytion 300457)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1386

LS513 [redacted] | 300457

[redacted]

Protein expression	CEA+ (50%), p53+
Antigen expression	[redacted] (CEA), ICAM-1, HLA [redacted] I [redacted]
Tumorigenic	[redacted], [redacted]
Products	[redacted]-[redacted] [redacted] 1 (TGF beta-1, 83 [redacted] 10 [redacted] 10^6 [redacted] 24 [redacted])
Karyotype	[redacted] 65% [redacted] 51,xY [redacted] 3 [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]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 x 10^4 [redacted]/[redacted]^
Fluid renewal	[redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] 24 [redacted]
Freeze medium	[redacted] (FBS) + 10% DMSO

LS513 [redacted] | 300457

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]

LS513 [redacted] | 300457

[redacted] HLA	**A***: '32:01:01 **B***: '51:01:01 **C***: '01:02:01 **DRB1***: [redacted] 11:01:01 **DQA1***: '05:05:01 **DQB1***: '03:01:01 **DPB1***: '04:01:01 **E**: '01:01:01