Product sheet

[redacted] LS180 | 305823

[redacted]

Description	LS180 [redacted], [redacted] LS180 [redacted] CEA, [redacted] α-900 [redacted] CEA [redacted] 30 [redacted], LS180 [redacted] (CCLE), [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	LS-180, LS 180, [redacted] 180

[redacted]

Age	58 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	LS180 ([redacted] Cytion 305823)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0397

[redacted]

[redacted] LS180 | 305823

Antigen expression	[redacted] 3 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]; Homo sapiens, [redacted] HLA A2, B13, B50; [redacted] [redacted] O
Isoenzymes	ADA, 1 ES-D, 1 G6PD, B PEP-D, 1 PGD, A PGM1, 1 PGM3, 2
Tumorigenic	[redacted]; [redacted], [redacted] [redacted]
Mutational profile	[redacted]: ACVR2A, [redacted], p.Lys437Argfs*5 (c.1310delA), [redacted], [redacted], CTNNB1, [redacted], p.Ser45Phe (c.134C>T), [redacted] PIK3CA, [redacted], p.His1047Arg (c.3140A>G), [redacted] [redacted] [redacted], TGFBR2, [redacted], p.Lys128Serfs*35 (c.383delA), [redacted]; [redacted]
Karyotype	[redacted] [redacted] = 45; [redacted] = 42 [redacted] 47.

[redacted]

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS ([redacted] [redacted] Cytion 820100a)
Supplements	[redacted] [redacted] 10% FBS
Dissociation Reagent	[redacted]
Doubling time	72 [redacted]
Freeze medium	[redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] (FBS) + 10% DMSO [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] C

[redacted] LS180 | 305823

Thawing and Culturing Cells

1. [redacted]
2. [redacted] -150°C [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70% [redacted].
5. [redacted] 15 [redacted] 8 [redacted]
6. [redacted] -300 x g [redacted] 3 [redacted]
7. [redacted] -10 [redacted]. [redacted] T2
8. [redacted].

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted].
Flask Coating	[redacted]
Shipping Conditions	[redacted] -78°C
Storage Conditions	[redacted] -150 [redacted] 196 [redacted]. [redacted]

[redacted]

Sterility	[redacted] PCR [redacted]. [redacted], [redacted], [redacted].