

XXXX-XXXX | 305682

XXXX XXXX

Description	LoVo-Luc XXX XXXX XXXXXXXXXXXXXXXX XX XX XXXX XXXXXXX LoVo, XXXXX XXXXXXXXXXXXXXXX XX XXXX XXX, XXX XXXXX XX XXXXX XXXX LoVo XXXXX XXXXXXXX XXXX XXXXXXXXXXXX XX XXXX XXXX XXX XX XXXX XXXXXXX XX-XXXXXX XXXXXXXXXXX XXXXXXXX, XXXXX XXXXXXX XXXXXXXX XXXXXXXX XXXXX XX XXXXXXXX X-LoVo-Luc XXXXX XXXXX XXXXX XXXXXXX XXXXXXX XXXXXXXXXXX (BLI) XX XXXX XXXXXXX XXXXXXX XX XXXX LoVo-Luc XXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX XX XX X-LoVo XXXXX, XXXX XXXXXXX XX MSI, XXXXXXX XXXXXXX XX XXXXXXXXXXX,
Organism	XXX
Tissue	XXXXXXXX
Disease	XXXXXXXXXXXXX XX XXXX XXX
Metastatic site	XXXXX XXXXX XX-XXXXX XXXXXXX

XXXXXXXXXXXX

Age	56 XXXX
Gender	XXX
Ethnicity	XXXXXXXX
Morphology	XXXX XXXX
Growth properties	XXX

XXXXXXXX XXXXXXXXXXXXXXX

Citation	Lovo-Luc (XXXX XXXXX Cytion 305682)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4Y03

Product sheet

XXXX-XXXX | 305682

GMO Status GMO-S1: XX XXXX XX XXXX XXXX XXXX XX XXXXXXXX XX XXXXXXXX (Luc2, XX XXXXXXXX XXXXXXXX) XXXXXXXX XXXXX XXXX, XXXXXXXX

XXXXXXXX XX-XXXXXXXXXXXX

Antigen expression HLA A11, B15, B17, Cw1, Cw3, XXX XX B, Luc2 (XXXXXXXX, XXXXX XXXXXXXX)

Isoenzymes G6PD, B, PGM1, 2, PGM3, 1-2, 6PGD, A, ES-D, 1

Oncogenes Myc +, myb +, ras +, fos +, p53 +, sis -, abl -, ros -, src -

Tumorigenic XX, XXXXXXXX XXXXXXXX

Reverse transcriptase XXXXX

Products XXXXXXX XXXXXXXXXXXXXXXX (CEA) 908 X'/106 XXXX/10 XXXX

Mutational profile XXXXXXX p.Lys437Argfs*5, XXXXXXXXXXXX, XXXXXXX p.Arg1114Ter, XXXXXXXXXXXX, XXXXXXX p.Met1431fs*42, XXXXXXXXXXXX, XXXXXXXX p.Gly13Asp, XXXXXXXXXXXX, XXXXXXX p.Ala292Val, XXXXXXXXXXXX, XXXXXXX p.Lys128Serfs*35, XXXXXXXXXXXX

XXXXXXXX

Culture Medium Ham's F12K Medium, w: 2.0 mM L-Glutamine, w: 2.0 mM Sodium pyruvate, w: 2.5 g/L NaHCO3 (XXXX XXXX Cytion 820608a)

Supplements XXXX XXXXX 10% FBS

Dissociation Reagent XXXXXXX

Doubling time 24-48 XXXX

Subculturing XX XX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX XXXX X-PBS XX XXXX XXXXXXXX XXXX XXXXXXXT25, XXXXX X-3-5 X' X-PBS, XXXXX XXXX 3 XXXX. XXXX XX XXXXXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXX XXXXX XXXX XXXXXXX XXXXX XXXX XXXXXXX XXXXX XXXX.

Split ratio 1 X 3

Seeding density 1-3*10^4/XX'X

Fluid renewal 2 X 3 XXXXX XXXXXXX

XXXX-XXXX | 305682

**Freeze
medium**

XXXXXX XXXXXX XXXXXX, XXX XXXXXXXX XXXXXXXX XXXXX XXXX + 10% DMSO XXX XXXXXXXX XXXXXXXX XXXXXX XXXX XXXXXXXX.

**Thawing and
Culturing Cells**

1. XXX XXXXXXXXXX XXXX XXXX XXXXXXXX XXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXX XXX XXX XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXX.
2. XXX XXXX XXXXXXX, XXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXX XXXX -150°C XXX XXXXXXX XXX XXXXX XXXXX XXXXXXX, XXX XXXX.
3. XXXXXXX XXXXXXX XXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXX XXXXXXX XXXXXXX XXX XXXXXXXXXX XXX 37 XXXXXXX XXXXXXXXXX XXX XXXX XXXXXXX.
4. XXX XXX XXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX, XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXX 70% XXXXX XXXXXXXX.
5. XXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX XXXX 15 μl XXXXXXX 8 μl XXX XXXX XXXXXXX XXXXXXX.
6. XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX-200 x g XXXXX 5 XXXXX, XXXXXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXX XXXXXXX.
7. XXX XXX XXXXXXX XXXXXXX XXX XXXXXXXXXX XXXXX XXXXXXX.

**Incubation
Atmosphere**

37°C, 5%_{CO2}, XXXXXXX XXXX

**Shipping
Conditions**

XXXXXX XXXXX XXXXXXXXXX XXXXXXX XXXXX XXX XXXXXXXXXX XXXXXXX XXXXXXXXXX XXX XXXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXXXXXXXXX XXX XXXXXXXXXX XXX -78°C.

**Storage
Conditions**

XXXXXX XXXXXXX XXXXX, XXX XXXXXXX XXX XXXXXXXXXX XXXXXXX XXXXXXX XXXXX XXX XXX XXXXXXXXXX XXX -150 XXX 196 XXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX.

XXXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX