

Product sheet

SNU-638 | 305634

General information

Description SNU-638 is a human cell line derived from a patient with metastatic melanoma. It is characterized by the presence of a BRAF V600E mutation and a loss of heterozygosity (LOH) at the KIT locus. SNU-638 cells are highly tumorigenic in immunodeficient mice and form melanocytic nodules. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. SNU-638 cells are highly tumorigenic in immunodeficient mice and form melanocytic nodules. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin.

Organism Human

Tissue Melanoma

Disease Melanoma

Metastatic site Lung, Liver, Brain

Synonyms SNU638

Characteristics

Age 48 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Cell type Fibroblast

Growth properties Adherent, Slow growing

References

Citation SNU-638 (Cytion 305634)

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_0102

XXXXXXXX XX-XXXXXXXXXXXX

Mutational profile XXXXX MET, XXXX, p.Asn375Ser (c.1124A>G), XX XXXXX; XXXXX TP53, XXXX, p.Arg282Trp (c.844C>T), XXXXXXXXXXXXX

XXXXXX

Culture Medium RPMI 1640, w: 2.0 mM XXXXXXX XXXX, w: 2.0 g/L NaHCO3 (XXXX XXXXX XX Cytion 820700a)

Supplements XXXX XXXXX 10% FBS XXXXXXX XXXX

Dissociation Reagent XXXXXXX

Doubling time 25 XXXX

Subculturing XXX XX XXXXXXX, XXXX XXXXX XXXXXXX 0.25% X-EDTA 0.02% XXXXX, XXXX XX XXXXXXX XXXXXXX XXXXXXXXXXXXX XX 37 XXXXX XXXXXXX XXXX

Fluid renewal 2 XX 3 XXXXX XXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXXXX, XX C

