

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 constitutively active c-Ki-Ras* mutation. The cell line is highly tumorigenic and grows in soft agar. It is a good model for studying the role of Ras in melanoma progression and metastasis. SNU-638 cells are highly sensitive to MET inhibitors. MET is a tyrosine kinase receptor that is overexpressed in melanoma and plays a key role in cell proliferation and survival. MET inhibition has been shown to reduce tumor growth and metastasis in SNU-638 xenografts.

Organism Human

Tissue Melanoma

Disease Metastatic melanoma

Metastatic site Lung, Liver, Brain

Synonyms SNU638

Cell characteristics

Age 48 days

Gender Male

Ethnicity Caucasian

Morphology Epithelial, rounded cells

Cell type Epithelial

Growth properties High growth rate, anchorage dependent

References and safety

Citation SNU-638 (ATCC CRL-2709) | 305634

Biosafety level 1

NCBI_TaxID 9606

