

Product sheet

SNU-601 | 305282

General Information

Description SNU-601 is a cell line derived from a patient with a primary tumor of the stomach. It is a highly tumorigenic cell line that grows in suspension. SNU-601 is a highly tumorigenic cell line that grows in suspension. SNU-601 is a highly tumorigenic cell line that grows in suspension.

Organism Human

Tissue Stomach

Disease Gastric adenocarcinoma

Metastatic site Liver

Synonyms SNU601, NCI-SNU-601

Characteristics

Age 34 years

Gender Male

Ethnicity Chinese

Morphology Epithelial

Growth properties Adherent

References

Citation SNU-601 (Cytion 305282)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0101

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HEK293T SNU-601 - HEK293T SNU-601

Mutational profile KRAS, p.Gly12Asp (c.35G>A), PIK3CA, p.Glu542Lys (c.1624G>A), TP53, p.Arg337Gln

HEK293T

Culture Medium RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS, 25 mM HEPES

Dissociation Reagent Trypsin

Subculturing Seed cells into 25 cm² flasks in 10% FBS medium. Once cells reach 70-80% confluency, dissociate cells with trypsin and seed into fresh 25 cm² flasks.

Split ratio 1:4

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Add cells to 10% FBS medium in a 25 cm² flask.
 3. Incubate cells in a 37°C incubator.
 4. Once cells reach 70-80% confluency, dissociate cells with trypsin.
 5. Seed cells into fresh 25 cm² flasks.
 6. Seed cells into 300 x g 3 ml tubes.
 7. Seed cells into 10 ml tubes.
 8. Seed cells into 15 ml x 8 ml tubes.

