

Product sheet

SNU-601 | 305282

Description	SNU-601		SNU-601	
	SNU-601	CEA	TP53	SNU-601

Organism

Tissue

Disease

Metastatic site

Synonyms SNU601 NCI-SNU-601

Age 34

Gender

Ethnicity

Morphology

Growth properties

Citation SNU-601 Cytion 305282

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0101

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Mutational profile	KRAS p.Gly12Asp (c.35G>A)	PIK3CA p.Glu542Lys c.1624G>A	TP53 p.Arg273His c.818G>A
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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Supplements	10% FBS	25 mM HEPES
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Dissociation Reagent	Accutase
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Split ratio	1:4
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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells

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graph TD; 1[1. Thaw cells in a 37°C water bath] --> 2[2. Centrifuge at 300 x g for 3 min]; 2 --> 3[3. Wash cells with PBS]; 3 --> 4[4. Resuspend cells in 70% FBS]; 4 --> 5[5. Seed cells into T25 flasks]; 5 --> 6[6. Incubate at 37°C in 5% CO2]; 6 --> 7[7. Monitor cell growth]; 7 --> 8[8. Passaging when cells reach confluence];
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2. Centrifuge at 300 x g for 3 min
3. Wash cells with PBS
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7. Monitor cell growth
8. Passaging when cells reach confluence

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Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions	-78 °C
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Storage Conditions	-150	-196	-80 °C
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Sterility PCR