Product sheet

SNU-C5 | 305639

[redacted]

Description	[redacted] SNU-C5 [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. SNU-C5, [redacted] [redacted] [redacted] [redacted]-[redacted], [redacted] [redacted] [redacted] [redacted] Cancer Cell Line Encyclopedia (CCLE) [redacted]-Genomics of Drug Sensitivity in Cance TP53 [redacted] [redacted] [redacted] PI3K/AKT [redacted]-RTK. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	SNUC5, NCI-SNU-C5, SNU-C5/WT

[redacted]

Age	77 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted] [redacted]
Cell type	[redacted]
Growth properties	[redacted], [redacted] [redacted]

[redacted] [redacted]

Citation	SNU-C5 ([redacted] [redacted] Cytion 305639)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5112

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[redacted]

Mutational profile	[redacted]: BRAF, [redacted], p.Val600Glu (c.1799T>A), [redacted]; [redacted]: PIK3CA, [redacted], p.His1047Arg (c.3140A>G), [redacted] TP53, [redacted], p.Arg248Trp (c.742C>T), [redacted]

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 g/L NaHCO3 ([redacted] [redacted] [redacted] Cytion 820700a)
Supplements	[redacted] [redacted] 10% FBS
Dissociation Reagent	[redacted]
Doubling time	67 [redacted]
Subculturing	[redacted] [redacted], [redacted] [redacted] [redacted] 0.25% [redacted]-EDTA 0.02% [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] 37 [redacted] [redacted] [redacted]
Fluid renewal	2 [redacted] 3 [redacted] [redacted]
Freeze medium	[redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] (20% FBS) + 10% DMSO [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] C

Thawing and Culturing Cells

1. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]
2. [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]-150°C [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted]
3. [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] 37 [redacted] [redacted] [redacted] [redacted] [redacted]
4. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] 70% [redacted] [redacted].
5. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] 15 [redacted]' [redacted] [redacted] 8 [redacted]' [redacted] [redacted] [redacted] [redacted] [redacted]
6. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]-300 x g [redacted] 3 [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]
7. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]-10 [redacted]' [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] T2
8. [redacted] [redacted] [redacted] [redacted] [redacted]-[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted].

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Incubation Atmosphere	37°C, 5%$_{CO2}$,
Shipping Conditions	-78°C
Storage Conditions	-150 196

/ / HLA

Sterility	PCR