Product sheet

NCI-H322 | 305839

[redacted]

Description	NCI-H322 [redacted] (NSCLC) [redacted]. [redacted] [redacted] NCI-H322 [redacted] KRAS, [redacted] MAPK/ERK [redacted]-PI3K/AKT. [redacted] Cancer Cell Line Encyclopedia (CCLE), [redacted]. NCI-H322 [redacted] MEK, [redacted] PI3K [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	H322, H-322, H322T, NCI-H322T, NCIH322T, NCI-322, NCIH322

[redacted]

Age	52 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	NCI-H322 ([redacted] Cytion 305839)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1556

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[redacted]-[redacted]

Mutational profile	[redacted]: TP53, [redacted], p.Arg248Leu (c.743G>T), [redacted] (PubMed=1311061, PubMed=1565469, PubMed=10536175, PubMed=20557307).

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 g/L NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] 10% FBS
Dissociation Reagent	[redacted]
Doubling time	50
Freeze medium	[redacted] (FBS) + 10% DMSO [redacted], C

Thawing and Culturing Cells

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

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted].

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Flask Coating	[redacted], [redacted]
Freezing Procedure	[redacted] -78°C
Shipping Conditions	[redacted] -78°C
Storage Conditions	[redacted] -150 [redacted] 196 [redacted] [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted] [redacted], [redacted], [redacted] [redacted] [redacted] [redacted] [redacted].