Product sheet

NCI-H2122 | 305600

Description	NCI-H2122 NSCLC KRAS G12C MAPK NCI-H2122 MAPK CRISPR MAPK7 ERK5 MEK NCI-H2122 NSCLC BRAF
Organism	
Tissue	
Disease	
Metastatic site	
Synonyms	H2122 H-2122 NCIH2122

Age	46
Gender	
Ethnicity	
Morphology	
Growth properties	

Citation	NCI-H2122 Cytion 305600
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1531

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Mutational profile	KRAS p.Gly12Cys (c.34G>T) TP53 p.Gln16Leu (c.47A>T) TP53 p.Cys176Phe (c.527G>T)

Culture Medium	RPMI 1640 2.0 mM 2.0 g/L $NaHCO_3$ Cytion 820700a
Supplements	10% FBS
Dissociation Reagent	Accutase
Subculturing	PBS T25 3-5 PBS T75 5-10 TrypLE Express T25 1–2
Fluid renewal	2 3
Freeze medium	FBS + 10% DMSO CM-1 Cytion 800100
Thawing and Culturing Cells	1. 2. -150°C 3 3. 37°C 40-60 4. 70% 5. 8 15 6. 300 x g 3 7. 10 T25 T25 8.

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Incubation Atmosphere	37°C 5% CO_2		
Shipping Conditions			−78 °C
Storage Conditions		−150 −196 °C	−80 °C
Sterility	PCR		