# Product sheet

## NCI-H522 | 305279

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|---|---|
| **Description** | NCI-H522 NSCLC —— —— NC<br>NCI-H522 CEA TP53 RB1 NCI-H |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Synonyms** | NCI.H522 H522 H-522 NCI-522 NCI522 NCIH522 |

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|---|---|
| **Age** | 58 |
| **Gender** | |
| **Ethnicity** | |
| **Morphology** | |
| **Growth properties** | |

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|---|---|
| **Citation** | NCI-H522 Cytion 305279 |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_1567 |

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|---|---|
| **Mutational profile** | TP53 p.Pro191fs*56 (c.571delC) |

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| **Culture Medium** | RPMI 1640 2.0 mM 2.0 g/L $NaHCO_3$ Cytion 820700a |
| **Supplements** | 10% FBS 4.5 g/L 10 mM HEPES 1 mM 1.5 g/L NaHCO3 |
| **Dissociation Reagent** | Accutase |
| **Subculturing** | PBS T25 3-5 PBS T75 5-10 Accutase T25 1–2 T75 |
| **Fluid renewal** | 2 3 |
| **Freeze medium** | FBS + 10% DMSO CM-1 Cytion 800100 |
| **Thawing and Culturing Cells** | 1.<br>2. -150°C 3<br>3. 37°C 40-60<br>4. 70%<br>5. 8 15<br>6. 300 x g 3<br>7. 10 T25 T25<br>8. |
| **Incubation Atmosphere** | 37°C 5% $CO_2$ |

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