# Product sheet

## HPAC | 305309

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|---|---|
| **Description** | HPAC . HPAC HPAC (MMP), MT1-MMP . Wnt/β- MMP |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Synonyms** | Hpac |
| **Age** | 64 |
| **Gender** | |
| **Ethnicity** | |
| **Morphology** | |
| **Cell type** | |
| **Growth properties** | |
| **Citation** | HPAC( 305309) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_3517 |

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|---|---|
| **Protein expression** | : , , A (EGF), ; , ; (EGF); |
| **Tumorigenic** | , |
| **Mutational profile** | : CDKN2A, p.Glu120Ter(c.358G>T), ; : : KRAS, p.Gly12Asp(c.35G>A); : TP53 |

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|---|---|
| **Culture Medium** | DMEM: F12, 1.2g/L, L- 2.5mM, HEPES 15mM, 0.5mM( 0.002 mg/ml, 0.005 mg/ml) ITS+, CB-40010) |
| **Supplements** | 5% FBS |
| **Dissociation Reagent** | |
| **Subculturing** | PBS . T25 3~5ml, T75 5~10ml PBS . T25 |
| **Fluid renewal** | 2~3 |
| **Freeze medium** | (FBS ) + 10% DMSO , CM-1(Cytion 800100) |

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| **Thawing and Culturing Cells** | 1. .<br>2. -150°C , 3 .<br>3. 37°C 40~60 .<br>4. , 70% .<br>5. 8ml 15ml .<br>6. 300 x g 3 .<br>7. 10ml . T25 , T25<br>8. . |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, . |
| **Flask Coating** | |
| **Freezing Procedure** | -78°C . . |
| **Shipping Conditions** | -78°C . . |
| **Storage Conditions** | -150°C -196°C . 80°C . |
| **Sterility** | PCR .<br>, . |