MCF-7 □□

300273

MCF7 □□□□

Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	□□□
Tumourigenic	□□□□□□□□

Karyotype

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Doubling time	24□□

IDENTIFIERS

Citation

MCF-7□Cytion □□ 300273□

NCBI TaxID	9606
Cellosaurus	CVCL_0031

EXPRESSION AND SUSCEPTIBILITY

Receptors expressed

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

Protein expression

P53 □□□pGP9.5 □□□CEA □□

Isoenzymes

PGM3□1□PGM1□1-2□ES-D□1-2□AK-1□1□GLO-1□1-2□G6PD□B□

Oncogenes

Wnt7h □□□Tx-4

Mutational profile

TP53 □□□

Products

□□□□□□□□□□□□□□IGFBP□BP-2□BP-4□BP-5

HANDLING AND CULTURE

Culture medium

EMEM□MEM Eagle□□□ 2 mM L-□□□□□□ 2.2 g/L $NaHCO_3$□□ EBSS□Cytion □□□□ 820100a□

Incubation atmosphere	37°C□5% CO_2□□□□□□

Supplements

□□□□□□□ 10% FBS □ 1% NEAA

Dissociation reagent	Accutase

Subculturing

□□□□□□□□□□□□□□□□□□□□□□PBS□□□□□T25□□□□□3-5□□PBS□T75□□□□□□5-10□□□ □□□□ Accutase □□□□□□□T25 □□□□□ 1–2 □□□T75 □□□□□□ 2.5 □□□□□□□□□□□□ 8–10 □□□□□□□□ □□□□□□□□ 10 □□□□□□□□□□□□□□□□□□□□ 300xg □□ 3 □□□□ □□□□□□□□□□□□□□□□□□□□

Warranty

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Material Transfer Agreement required	Yes