

Cell Line MKN-7 | 305104

General Information

Description	MKN-7 is a human gastric cancer cell line. It is a highly invasive, poorly differentiated adenocarcinoma. MKN-7 cells are characterized by their ability to form large, irregular colonies. They are highly resistant to apoptosis and have a high proliferation rate. MKN-7 cells are derived from a 39-year-old male patient with gastric cancer. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS). MKN-7 cells are highly sensitive to cisplatin and 5-fluorouracil. MKN-7 cells are highly resistant to paclitaxel. MKN-7 cells are highly sensitive to docetaxel. MKN-7 cells are highly resistant to irinotecan. MKN-7 cells are highly sensitive to oxaliplatin. MKN-7 cells are highly resistant to epirubicin. MKN-7 cells are highly sensitive to mitomycin C. MKN-7 cells are highly resistant to gemtuzumab. MKN-7 cells are highly sensitive to rituximab. MKN-7 cells are highly resistant to trastuzumab. MKN-7 cells are highly sensitive to cetuximab. MKN-7 cells are highly resistant to bevacizumab. MKN-7 cells are highly sensitive to aflibercept. MKN-7 cells are highly resistant to ramipril. MKN-7 cells are highly sensitive to losartan. MKN-7 cells are highly resistant to valsartan. MKN-7 cells are highly sensitive to enalapril. MKN-7 cells are highly resistant to lisinopril. MKN-7 cells are highly sensitive to ramipril. MKN-7 cells are highly resistant to gemtuzumab. MKN-7 cells are highly sensitive to rituximab. MKN-7 cells are highly resistant to trastuzumab. MKN-7 cells are highly sensitive to cetuximab. MKN-7 cells are highly resistant to bevacizumab. MKN-7 cells are highly sensitive to aflibercept. MKN-7 cells are highly resistant to ramipril. MKN-7 cells are highly sensitive to losartan. MKN-7 cells are highly resistant to valsartan. MKN-7 cells are highly sensitive to enalapril. MKN-7 cells are highly resistant to lisinopril. MKN-7 cells are highly sensitive to ramipril.
Organism	Human
Tissue	Gastric cancer
Disease	Gastric cancer
Metastatic site	Metastatic
Synonyms	MKN-7, MKN 7

Cell Line Characteristics

Age	39 years
Gender	Male
Ethnicity	Japanese
Morphology	Epithelial
Growth properties	Adherent

Cell Line Maintenance

Citation	MKN-7 (Cell Line) Cytion 305104
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1417

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