

MKN1 | 305589

Description	MKN1 is a cell line derived from a gastric cancer patient. It is a highly aggressive cell line that grows in the form of spheres. MKN1 cells are characterized by their ability to form large, multicellular spheroids in suspension culture. These spheroids are composed of cells that are highly proliferative and have a high degree of cellular heterogeneity. MKN1 cells are also characterized by their ability to form large, multicellular spheroids in suspension culture. These spheroids are composed of cells that are highly proliferative and have a high degree of cellular heterogeneity. MKN1 cells are also characterized by their ability to form large, multicellular spheroids in suspension culture. These spheroids are composed of cells that are highly proliferative and have a high degree of cellular heterogeneity.
Organism	Human
Tissue	Gastric cancer
Disease	Gastric cancer
Metastatic site	Metastatic
Synonyms	MKN-1, MKN 1
Age	72 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Growth properties	Adherent
Citation	MKN1 (Cell Line) Cytion: 305589
Biosafety level	1
NCBI_TaxID	9606

MKN1 | 305589

CellosaurusAccession CVCL_1415

Mutational profile TP53p.Val143Ala (c.428T>C)

Culture Medium RPMI 1640 2.0 2.0 / NaHCO3 (820700a)

Supplements 10 FBS

Dissociation Reagent

Subculturing PBS 37 70% 15 8

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

1. 37 3
2. -150
3. 37
4. 70%
5. 15 8
6. 300 3
7. 10
- 8.

MKN1 | 305589

Incubation
Atmosphere

37 °C, 5% CO₂, humidified

Shipping
Conditions

Store at -78 °C. Ship frozen in dry ice.

Storage
Conditions

Store at -150 °C to -196 °C.

Sterility

Tested and certified sterile (PCR) by Cytion.

Not for clinical use.