

GP2D | 305778

Overview

Description	GP2D is a cell line derived from a human embryo, which is used for research purposes. It is a fibroblast cell line that is highly proliferative and can be used for a variety of applications, including drug screening, toxicology studies, and basic research. GP2D cells are typically grown in a medium containing fetal bovine serum (FBS) and are maintained in a humidified atmosphere of 5% CO2. GP2D cells are highly sensitive to a variety of cytotoxic agents, including chemotherapeutic drugs, and are therefore useful for studying the mechanisms of drug action and resistance. GP2D cells are also used for the study of gene expression and regulation, and for the development of new therapies. GP2D cells are a valuable tool for researchers in a variety of fields, including cell biology, molecular biology, and pharmacology.
Organism	Human
Tissue	Embryo
Disease	None
Synonyms	Gp2d, Gp2D, GP2D

Characteristics

Age	71 years
Gender	Male
Ethnicity	White
Growth properties	Adherent

Documentation

Citation	GP2D (Cytion: 305778)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2450

Additional information

Mutational profile KRAS, p.Gly12Asp (c.35G>A), TP53

Culture Medium	DMEM, w: 4.5 g/L , w: 4 mM L- , w: 3.7 g/L NaHCO ₃ , w: 1.0 mM (Cytion 820300a)
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Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: Store at -150 to -196°C in a freezer.

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Sterility

The product is sterile and suitable for PCR. The product is sterile and suitable for PCR. The product is sterile and suitable for PCR.