

Product sheet

H9c2(2-1) | 305203

General Information

Description	H9c2(2-1), a human embryonic kidney cell line derived from a 21-year-old male fetus, is a derivative of the H9c2 cell line. It is a clonal cell line that has been established from a single cell. The cells are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor 1 (IGF1). The cells are characterized by their ability to differentiate into various cell types, including neurons, cardiomyocytes, and osteoblasts. The cells are also known for their high proliferation rate and long-term stability.
Organism	Human
Tissue	Embryonic kidney
Synonyms	H9c2 (2-1), H9c2, H9C2

Characteristics

Breed/Subspecies	BDIx
Age	1-3 months
Morphology	Epithelial
Growth properties	Adherent

Identification

Citation	H9c2(2-1) (ATCC CCL-246) Cytion 305203
Biosafety level	1
NCBI_TaxID	10116
CellSaurusAccession	CVCL_0286

Receptor Expression

Receptors expressed	Insulin receptor, IGF1R
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