MIN-6

302148

GENERAL INFORMATION

Description

MIN-6 □□□□□□□□□□□□□□□□□□ beta □□□β□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□β□□□□□□□□□□□□□□□□□□□□□□□□□□□□

MIN-6 □□□β□□MIN-6 □□□□□□□□□□□□□□□ beta □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

Tissue	□□□□□□□□□□
Disease	□□□□□□□

Synonyms

- Min6
- MIN6
- Mouse INsulinoma 6

CLASSIFICATION

Organism	Mouse
Sex	Unspecified
Growth properties	Adherent
GMO status	GMO-S1

GMO status details

GMO-S1: This murine pancreatic β-cell line (MIN-6) contains an SV40 T-Antigen transgene under insulin promoter control from a transgenic mouse model, supporting immortalization and insulin-related studies. The construct is stably integrated. This classification applies only within Germany and may differ elsewhere.

Biosafety level	1

CHARACTERISTICS

Cell type	β□□

IDENTIFIERS

Citation

MIN-6□Cytion □□□□ 302148□

NCBI TaxID	10090
Cellosaurus	CVCL_0431

EXPRESSION AND SUSCEPTIBILITY

Protein expression

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BIC: SOLADES1HDB

Viruses

□□□□ Simian virus 40 (SV40)

HANDLING AND CULTURE

Culture medium

DMEM□w□4.5 □/□□□□□w□4 □□□ L-□□□□□w□3.7 □/□ NaHCO3□w□1.0 □□□□□□□□Cytion □□ 820300a□□

Incubation atmosphere	37°C, 5%CO2, □□□□□

Supplements

□□□□□□□15%□□□□□□□□□□FBS□□50 µM β-□□□□□

Dissociation reagent	Accutase

Subculturing

□□□□□□□□ PBS □□□□□□□□□□□ 0.025%□□/0.02%□□□□□□□□□□□□ 37 □□□□□□□□□□□□□□□ 5 □□□□□□□□□□□□□□□□□□□□
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LEGAL AND SAFETY

Safety precautions

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