

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 24, 2025

alphaTC1 Clone 6

RRID:CVCL_B036

Type: Cell Line

Proper Citation

(RRID:CVCL_B036)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_B036

Proper Citation: (RRID:CVCL_B036)

Sex: Sex unspecified

Defining Citation: [PMID:2108069](#), [PMID:34871457](#)

Category: Cancer cell line

Name: alphaTC1 Clone 6

Synonyms: alpha TC1 clone 6, alphaTC clone 6, alpha-TC1.6, alphaTC1.6, alpha-TC1-6, alpha TC1-6, alpha TC1.6, aTC1 Clone 6, aTC1-6

Cross References: BTO:BTO_0002982, ATCC:CRL-2934, TOKU-E:4124, Wikidata:Q54749266

ID: CVCL_B036

Record Creation Time: 20250131T193921+0000

Record Last Update: 20250131T194133+0000

Ratings and Alerts

No rating or validation information has been found for alphaTC1 Clone 6.

No alerts have been found for alphaTC1 Clone 6.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Fujita M, et al. (2023) Dectin-2 Deficiency Promotes Proinflammatory Cytokine Release From Macrophages and Impairs Insulin Secretion. *Endocrinology*, 165(1).

Enders L, et al. (2023) Pharmacological perturbation of the phase-separating protein SMNDC1. *Nature communications*, 14(1), 4504.

Casteels T, et al. (2022) SMNDC1 links chromatin remodeling and splicing to regulate pancreatic hormone expression. *Cell reports*, 40(9), 111288.

Jia J, et al. (2022) Artemether and aspterric acid induce pancreatic alpha cells to transdifferentiate into beta cells in zebrafish. *British journal of pharmacology*, 179(9), 1962.

Jo S, et al. (2021) Human Glucagon Expression Is under the Control of miR-320a. *Endocrinology*, 162(3).

Wieland FC, et al. (2021) The Role of Alpha Cells in the Self-Assembly of Bioengineered Islets. *Tissue engineering. Part A*, 27(15-16), 1055.

Thielen LA, et al. (2020) Identification of an Anti-diabetic, Orally Available Small Molecule that Regulates TXNIP Expression and Glucagon Action. *Cell metabolism*, 32(3), 353.

Li J, et al. (2017) Artemisinins Target GABAA Receptor Signaling and Impair ? Cell Identity. *Cell*, 168(1-2), 86.

Kim J, et al. (2017) Amino Acid Transporter Slc38a5 Controls Glucagon Receptor Inhibition-Induced Pancreatic ? Cell Hyperplasia in Mice. *Cell metabolism*, 25(6), 1348.