

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Mar 29, 2025

tsA201

RRID:CVCL_2737

Type: Cell Line

Proper Citation

(ECACC Cat# 96121229, RRID:CVCL_2737)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2737

Proper Citation: (ECACC Cat# 96121229, RRID:CVCL_2737)

Sex: Female

Category: Transformed cell line

Name: tsA201

Synonyms: tsA-201

Cross References: BTO:BTO_0004232, EFO:EFO_0022697, ECACC:96121229, Wikidata:Q54973099

ID: CVCL_2737

Vendor: ECACC

Catalog Number: 96121229

Record Creation Time: 20250131T202823+0000

Record Last Update: 20250131T204814+0000

Ratings and Alerts

No rating or validation information has been found for tsA201.

No alerts have been found for tsA201.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Chan M, et al. (2024) Dual effects of mefenamic acid on the IKs molecular complex. *British journal of pharmacology*.

Haddad S, et al. (2024) A biallelic mutation in CACNA2D2 associated with developmental and epileptic encephalopathy affects calcium channel-dependent as well as synaptic functions of $\alpha_2\delta-2$. *Journal of neurochemistry*.

Mesirca P, et al. (2024) Selective blockade of Cav1.2 (α_1C) versus Cav1.3 (α_1D) L-type calcium channels by the black mamba toxin calciseptine. *Nature communications*, 15(1), 54.

Kutzsche J, et al. (2024) An orally available Cav2.2 calcium channel inhibitor for the treatment of neuropathic pain. *British journal of pharmacology*, 181(12), 1734.

Ray S, et al. (2024) A triple cysteine motif as major determinant of the modulation of neuronal KV7 channels by the paracetamol metabolite N-acetyl-p-benzo quinone imine. *British journal of pharmacology*, 181(16), 2851.

Iamshanova O, et al. (2024) The dispensability of 14-3-3 proteins for the regulation of human cardiac sodium channel Nav1.5. *PloS one*, 19(3), e0298820.

Mustafá ER, et al. (2023) Constitutive activity of the dopamine (D_5) receptor, highly expressed in CA1 hippocampal neurons, selectively reduces CaV 3.2 and CaV 3.3 currents. *British journal of pharmacology*, 180(9), 1210.

Zhao C, et al. (2023) Structural and functional analyses of a GPCR-inhibited ion channel TRPM3. *Neuron*, 111(1), 81.

Kim YS, et al. (2023) Two-step structural changes in M3 muscarinic receptor activation rely on the coupled Gq protein cycle. *Nature communications*, 14(1), 1276.

Harding EK, et al. (2023) Differential regulation of Cav 3.2 and Cav 2.2 calcium channels by CB1 receptors and cannabidiol. *British journal of pharmacology*, 180(12), 1616.

Reddy GR, et al. (2022) Deciphering cellular signals in adult mouse sinoatrial node cells. *iScience*, 25(1), 103693.

de la Cruz L, et al. (2022) Hippocampal neurons maintain a large PtdIns(4)P pool that results in faster PtdIns(4,5)P₂ synthesis. *The Journal of general physiology*, 154(3).

Kollewe A, et al. (2022) Subunit composition, molecular environment, and activation of native TRPC channels encoded by their interactomes. *Neuron*, 110(24), 4162.

de la Cruz L, et al. (2022) Dishevelled coordinates phosphoinositide kinases PI4KIII β and PIP5K1 β for efficient PtdInsP₂ synthesis. *Journal of cell science*, 135(5).

Park CG, et al. (2022) Molecular basis of the PIP₂-dependent regulation of CaV_{2.2} channel and its modulation by CaV β subunits. *eLife*, 11.

Kollewe A, et al. (2021) The molecular appearance of native TRPM7 channel complexes identified by high-resolution proteomics. *eLife*, 10.

Traserra S, et al. (2021) Different responses of the blockade of the P₂Y₁ receptor with BPTU in human and porcine intestinal tissues and in cell cultures. *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*, 33(7), e14101.

Jendzjowsky NG, et al. (2021) PKC δ stimulation of TRPV1 orchestrates carotid body responses to asthmakines. *The Journal of physiology*, 599(4), 1335.

Vais H, et al. (2020) ER-luminal [Ca²⁺] regulation of InsP₃ receptor gating mediated by an ER-luminal peripheral Ca²⁺-binding protein. *eLife*, 9.

Meyer JO, et al. (2019) Disruption of the Key Ca²⁺ Binding Site in the Selectivity Filter of Neuronal Voltage-Gated Calcium Channels Inhibits Channel Trafficking. *Cell reports*, 29(1), 22.