Resource Summary Report

Generated by RRID on Aug 28, 2026

CAD

RRID:CVCL_0199
Type: Cell Line

Proper Citation

RRID:CVCL_0199

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0199

Proper Citation: RRID:CVCL_0199

Description: Cell line CAD is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: PMID:9006967

Comments: Characteristics: Seems to have lost the expression of the parental cell SV40 T antigen., Characteristics: Will differentiate to form neuronal processes in serum free conditions.

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: CAD

Synonyms: Cath-A-Differentiated

Cross References: BTO:BTO_0003695, MCCL:MCC:0000090, ECACC:08100805, Wikidata:Q54808330

ID: CVCL_0199

Hierarchy: cvcl_0204

Record Creation Time: 20220427T215437+0000

Record Last Update: 20260815T231954+0000

Ratings and Alerts

No rating or validation information has been found for CAD.

No alerts have been found for CAD.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Khongkla E, et al. (2026) Proteomic profiling reveals mitochondrial metabolic alterations in dexamethasone-induced neuronal differentiation. Science progress, 109(3), 368504261459907.

Li A, et al. (2025) Endosomal protein DENND10 promotes developmental competence of neurite extension. iScience, 28(5), 112385.

Goering R, et al. (2023) RNA localization mechanisms transcend cell morphology. eLife, 12.

Aduroja O, et al. (2023) Microwave-assisted synthesis for a highly selective rhodamine 6G-derived fluorescent sensor and bioimaging. Inorganic chemistry communications, 147.

Soukup J, et al. (2023) Large extracellular vesicles transfer more prions and infect cell culture better than small extracellular vesicles. Biochemical and biophysical research communications, 687, 149208.

Khongkla E, et al. (2022) A Novel Methodology Using Dexamethasone to Induce Neuronal Differentiation in the CNS-Derived Catecholaminergic CAD Cells. Cellular and molecular neurobiology, 42(7), 2337.

Lycas MD, et al. (2022) Nanoscopic dopamine transporter distribution and conformation are inversely regulated by excitatory drive and D2 autoreceptor activity. Cell reports, 40(13), 111431.

Blasius TL, et al. (2021) Sequences in the stalk domain regulate auto-inhibition and ciliary tip localization of the immotile kinesin-4 KIF7. Journal of cell science, 134(13).

Bourdenx M, et al. (2021) Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. Cell, 184(10), 2696.

Goering R, et al. (2020) FMRP promotes RNA localization to neuronal projections through interactions between its RGG domain and G-quadruplex RNA sequences. eLife, 9.

Costa AR, et al. (2020) The membrane periodic skeleton is an actomyosin network that regulates axonal diameter and conduction. eLife, 9.

Fiszbein A, et al. (2019) Exon-Mediated Activation of Transcription Starts. Cell, 179(7), 1551.

Ryu HG, et al. (2019) HNRNP Q suppresses polyglutamine huntingtin aggregation by post-transcriptional regulation of vaccinia-related kinase 2. Journal of neurochemistry, 149(3), 413.

Dustrude ET, et al. (2017) A single structurally conserved SUMOylation site in CRMP2 controls NaV1.7 function. Channels (Austin, Tex.), 11(4), 316.

Steinman JB, et al. (2017) Chemical structure-guided design of dynapyrazoles, cell-permeable dynein inhibitors with a unique mode of action. eLife, 6.

Dustrude ET, et al. (2016) Hierarchical CRMP2 posttranslational modifications control NaV1.7 function. Proceedings of the National Academy of Sciences of the United States of America, 113(52), E8443.