

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

CCO

RRID:CVCL_4142

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2748, RRID:CVCL_4142

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4142

Proper Citation: ATCC Cat# CRL-2748, RRID:CVCL_4142

Description: Cell line CCO is a Spontaneously immortalized cell line with a species of origin *Ameiurus nebulosus* (Brown bullhead)

Sex: Sex unspecified

Defining Citation: [PMID:7390534](#), [PMID:33068031](#)

Comments: Characteristics: Grows at temperatures from 10 Celsius to 35 Celsius with the optimum at 30 Celsius (ECACC=95060212)., Problematic cell line: Misidentified/contaminated. Originally thought to originate from the ovary of a juvenile channel catfish (*Ictalurus punctatus*) but shown to be from brown bullhead (*Ameiurus nebulosus*) (PubMed=33068031).., Group: Fish cell line.

Category: Spontaneously immortalized cell line

Organism: *Ameiurus nebulosus* (Brown bullhead)

Name: CCO

Synonyms: CCO/BB, Channel Catfish Ovary

Cross References: CLO:CLO_0002332, CLDB:cl671, ATCC:CRL-2748, ATCC:CRL-2772, ECACC:95060212, FCS-free:28-10-30-2-4-4, Wikidata:Q54809003

ID: CVCL_4142

Vendor: ATCC

Catalog Number: CRL-2748

Record Creation Time: 20220427T215445+0000

Record Last Update: 20260904T012626+0000

Ratings and Alerts

No rating or validation information has been found for CCO.

Warning: Discontinued: ATCC; CRL-2748

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Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Ford L, et al. (2021) Cytochrome oxidase gene sequencing reveals channel catfish ovary cell line is contaminated with brown bullhead cells. Journal of fish diseases, 44(1), 119.