

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

IB3-1/S9

RRID:CVCL_4461

Type: Cell Line

Proper Citation

ATCC Cat# JHU-53, RRID:CVCL_4461

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4461

Proper Citation: ATCC Cat# JHU-53, RRID:CVCL_4461

Description: Cell line IB3-1/S9 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cystic fibrosis

Defining Citation: [PMID:1380129](#), [PMID:15463957](#)

Comments: Characteristics: Stably transduced to achieve low-level expression of full-length wild-type CFTR.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: IB3-1/S9

Synonyms: S9

Cross References: BTO:BTO_0004446, CLO:CLO_0008935, ATCC:CRL-2778, ATCC:JHU-53, BioSample:SAMN03471786, ChEMBL-Cells:ChEMBL3307435, ChEMBL-Targets:ChEMBL614892, MetaboLights:MTBLS102, PubChem_Cell_line:CVCL_4461, Wikidata:Q54897165

ID: CVCL_4461

Vendor: ATCC

Catalog Number: JHU-53

Hierarchy: cvcl_0338

Record Creation Time: 20250130T071942+0000

Record Last Update: 20260830T001632+0000

Ratings and Alerts

No rating or validation information has been found for IB3-1/S9.

Warning: Discontinued: ATCC; JHU-53

Characteristics: Stably transduced to achieve low-level expression of full-length wild-type CFTR. **Warning:** Discontinued: ATCC; CRL-2778

Characteristics: Stably transduced to achieve low-level expression of full-length wild-type CFTR.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Dib C, et al. (2025) Mitochondrial Fragmentation Induced by the CFTR Modulators Lumacaftor and Ivacaftor in Immortalized Cystic Fibrosis Cell Lines. Cells, 14(20).

Clauzure M, et al. (2017) Intracellular Chloride Concentration Changes Modulate IL-1?? Expression and Secretion in Human Bronchial Epithelial Cultured Cells. Journal of cellular biochemistry, 118(8), 2131.