

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

pgsD-677

RRID:CVCL_4593

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2244, RRID:CVCL_4593

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4593

Proper Citation: ATCC Cat# CRL-2244, RRID:CVCL_4593

Description: Cell line pgsD-677 is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: [PMID:1532254](#)

Comments: Characteristics: Lacks both N-acetylglucosaminyltransferase and glucuronyltransferase activities that are required for synthesis of heparan sulfate.

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: pgsD-677

Synonyms: PgsD-677 pgsD677, 677, Mutant 677, CHO-677, CHO 677

Cross References: CLO:CLO_0008438, ATCC:CRL-2244, Wikidata:Q54947334

ID: CVCL_4593

Vendor: ATCC

Catalog Number: CRL-2244

Hierarchy: cvcl_0214

Record Creation Time: 20220427T221431+0000

Record Last Update: 20260920T005501+0000

Ratings and Alerts

No rating or validation information has been found for pgsD-677.

No alerts have been found for pgsD-677.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Mast EM, et al. (2026) Erythroferrone antagonism of BMPs is governed by a composite heparin-binding motif. The Journal of biological chemistry, 302(8), 113250.

Broden MW, et al. (2026) C4BP occludes the non-opsonic interaction of Neisseria gonorrhoeae with human neutrophil CEACAMs. bioRxiv : the preprint server for biology.

Li Z, et al. (2025) Cell-surface RNA forms ternary complex with RNA-binding proteins and heparan sulfate to recruit immune receptors. Molecular cell, 85(24), 4633.

Tindall CA, et al. (2023) LRP1 is the cell-surface endocytosis receptor for vaspin in adipocytes. The FEBS journal.

Kempf A, et al. (2017) Control of Cell Shape, Neurite Outgrowth, and Migration by a Nogo-A/HSPG Interaction. Developmental cell, 43(1), 24.