

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

HEK293 P2RX2(B)D273Y+P2RX3

RRID:CVCL_E2Y5

Type: Cell Line

Proper Citation

RRID:CVCL_E2Y5

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E2Y5

Proper Citation: RRID:CVCL_E2Y5

Description: Cell line HEK293 P2RX2(B)D273Y+P2RX3 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Miscellaneous: Cell line information from personal communication of Sattler, Christian., Characteristics: Using pcDNA5/FRT/TO and pOG44, P2RX2 isoform B with p.Asp273Tyr and P2RX3 were integrated in a single site and their expression is regulated by tetracycline.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293 P2RX2(B)D273Y+P2RX3

Synonyms: HEK293 P2X2 B D273Y + P2X3

ID: CVCL_E2Y5

Hierarchy: cvcl_u427

Record Creation Time: 20240911T071257+0000

Record Last Update: 20260905T183422+0000

Ratings and Alerts

No rating or validation information has been found for HEK293 P2RX2(B)D273Y+P2RX3.

No alerts have been found for HEK293 P2RX2(B)D273Y+P2RX3.

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 [RRID](#) .

Wand PL, et al. (2025) Differential Effects of Hearing Loss Mutations in Homomeric P2X2 and Heteromeric P2X2/3 Receptors. Cells, 14(7).