Resource Summary Report

Generated by dkNET on Sep 9, 2026

HEK293 CNR1 cAMP-Nomad

RRID:CVCL_YI91
Type: Cell Line

Proper Citation

Innoprot Cat# P70527, RRID:CVCL_YI91

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_YI91

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Description: Cell line HEK293 CNR1 cAMP-Nomad is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Characteristics: The red cAMP-Nomad biosensor consists of a membrane localization peptide derived from interleukin-2 receptor alpha chain, a TurboFP650 fluorescent protein, a Ht31 peptide fused to a KDEL signal., Characteristics: In absence of cAMP, the fluorescent biosensor is localized in the cellular membrane. An increase in this second messenger concentration leads to change in the structural folding of Nomad biosensor that promotes its cellular relocation in the vesicular trafficking of the cells.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293 CNR1 cAMP-Nomad

Synonyms: CB1 cAMP-Nomad, CB1 Nomad, cAMPNomad-CB1

Cross References: Innoprot:P70527, Wikidata:Q94092863

ID: CVCL_YI91

Vendor: Innoprot

Catalog Number: P70527

Hierarchy: cvcl_0045

Record Creation Time: 20250130T071614+0000

Record Last Update: 20260905T184022+0000

Ratings and Alerts

No rating or validation information has been found for HEK293 CNR1 cAMP-Nomad.

No alerts have been found for HEK293 CNR1 cAMP-Nomad.

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 .

Palomares B, et al. (2020) ?9 -Tetrahydrocannabinolic acid alleviates collagen-induced arthritis: Role of PPAR? and CB1 receptors. British journal of pharmacology, 177(17), 4034.