Resource Summary Report

Generated by NIF on Sep 21, 2026

U2OS CRHR2 cAMP-Nomad

RRID:CVCL_YK42
Type: Cell Line

Proper Citation

RRID:CVCL_YK42

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_YK42

Proper Citation: RRID:CVCL_YK42

Description: Cell line U2OS CRHR2 cAMP-Nomad is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Osteosarcoma

Comments: Characteristics: The green cAMP-Nomad biosensor consists of a membrane localization peptide derived from interleukin-2 receptor alpha chain, a TurboGFP 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., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: U2OS CRHR2 cAMP-Nomad

Synonyms: CRHR2 cAMP-Nomad, CRHR2 (CRF2) Nomad, cAMP Nomad CRF2, CRF2 Nomad

Cross References: Innoprot:P70207, Wikidata:Q98133743

ID: CVCL_YK42

Hierarchy: cvcl_0042

Record Creation Time: 20220427T221640+0000

Record Last Update: 20260920T010002+0000

Ratings and Alerts

No rating or validation information has been found for U2OS CRHR2 cAMP-Nomad.

No alerts have been found for U2OS CRHR2 cAMP-Nomad.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We have not found any literature mentions for this resource.