

Resource Summary Report

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U2OS MC3R cAMP-Nomad

RRID:CVCL_YK54

Type: Cell Line

Proper Citation

RRID:CVCL_YK54

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_YK54

Proper Citation: RRID:CVCL_YK54

Description: Cell line U2OS MC3R 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 MC3R cAMP-Nomad

Synonyms: cAMP Nomad MCR3, MCR3 Nomad

Cross References: Innoprot:P70204, Wikidata:Q98133756

ID: CVCL_YK54

Hierarchy: cvcl_0042

Record Creation Time: 20220427T221640+0000

Record Last Update: 20260913T010249+0000

Ratings and Alerts

No rating or validation information has been found for U2OS MC3R cAMP-Nomad.

No alerts have been found for U2OS MC3R cAMP-Nomad.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.