

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

RRL.sin.cPPT.SFFV/TMPRSS2 (variant 1).IRES-neo.WPRE (MT130)

RRID:Addgene_145843

Type: Plasmid

Proper Citation

RRID:Addgene_145843

Plasmid Information

URL: <http://www.addgene.org/145843>

Proper Citation: RRID:Addgene_145843

Insert Name: human TMPRSS2 variant 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33514628](#)

Vector Backbone Description: Vector Backbone:RRL.sin.cPPT.SFFV/IRES-neo.WPRE.
; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: NM_001135099 with 1 mutation G8V

Plasmid Name: RRL.sin.cPPT.SFFV/TMPRSS2 (variant 1).IRES-neo.WPRE (MT130)

Relevant Mutation: G8V

Record Creation Time: 20220422T221822+0000

Record Last Update: 20260829T075654+0000

Ratings and Alerts

No rating or validation information has been found for RRL.sin.cPPT.SFFV/TMPRSS2 (variant 1).IRES-neo.WPRE (MT130).

No alerts have been found for RRL.sin.cPPT.SFFV/TMPRSS2 (variant 1).IRES-neo.WPRE (MT130).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Cai C, et al. (2025) Sensing of SARS-CoV-2-infected cells by plasmacytoid dendritic cells is modulated via an interplay between CD54/ICAM-1 and CD11a/LFA-1 β 2 integrin. *Journal of virology*, 99(2), e0123524.

Wang Z, et al. (2023) Anthracyclines inhibit SARS-CoV-2 infection. *Virus research*, 334, 199164.

Kim TY, et al. (2022) Astersaponin I from *Aster koraiensis* is a natural viral fusion blocker that inhibits the infection of SARS-CoV-2 variants and syncytium formation. *Antiviral research*, 208, 105428.

Dogan K, et al. (2022) Instant determination of the artemisinin from various *Artemisia annua* L. extracts by LC-ESI-MS/MS and their in-silico modelling and in vitro antiviral activity studies against SARS-CoV-2. *Phytochemical analysis : PCA*, 33(2), 303.

Durdagi S, et al. (2022) The neutralization effect of montelukast on SARS-CoV-2 is shown by multiscale in silico simulations and combined in vitro studies. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(2), 963.

Kayabolen A, et al. (2022) Protein Scaffold-Based Multimerization of Soluble ACE2 Efficiently Blocks SARS-CoV-2 Infection In Vitro and In Vivo. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 9(27), e2201294.

Rebendenne A, et al. (2021) SARS-CoV-2 triggers an MDA-5-dependent interferon response which is unable to control replication in lung epithelial cells. *Journal of virology*, 95(8).

Kim TY, et al. (2021) Platycodin D, a natural component of *Platycodon grandiflorum*, prevents both lysosome- and TMPRSS2-driven SARS-CoV-2 infection by hindering membrane fusion. *Experimental & molecular medicine*, 53(5), 956.