

CERTIFICATE OF ANALYSIS

Product Information

Product Name	HEK293/CRE-Luc /GLP1R
Cat. No.	M00562
Lot No.	R50523A03
Host Cell:	HEK293/CRE-Luc
Target Gene:	GLP1R
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

Recommended Cell Culture Medium: DMEM, 10% FBS, 400 µg/ml G418, 100 µg/ml Hygromycin B

Freeze Medium: 90% FBS, 10% (V/V) DMSO

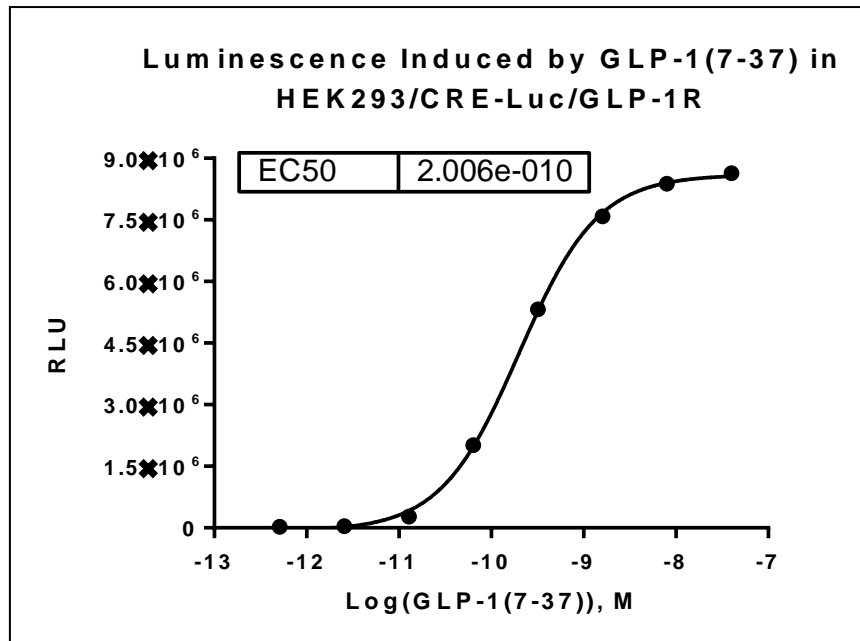
Application: Functional assay for HEK293/CRE-luciferase/GLP1R

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	99.1%
Quantity	>1x10 ⁶ cells/vial	1.71x10 ⁶ cells/vial

* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

Appendix

1. Luciferase assay



GLP-1(7-37) induced concentration-dependent stimulation of intracellular Luciferase accumulation in HEK293/CRE-Luc/GLP1R cells. $EC_{50}=2.006 \times 10^{-10}$ M.

Date: 12/20/2023

Approved by: *Min Qiu*

Department of Reagent Product R&D

For research use only. Not intended for human and animal therapeutic or diagnostic use.

For support contact us at:

400-025-8686-5810 or 5256 (CN)

Web: www.genscript.com.cn

1-732-885-9188 (USA)

65-3159-1898 (Asia Pacific)

31(0)-71-569-0120 (Europe)

81-3-6811-6572 (Japan)

82-10-9311-9208 (Korea)

44(1865)679988 (United Kingdom)

Web: www.genscript.com

生产商: 南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路 28 号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China