

Certificate of Analysis

GeneBLAzer® GPR10-NFAT-*bla* CHO-K1 Cells, 1 Vial



Combo Kit Part Number: K1732 denotes cells + documentation

Part Number: K1201 Cell Part Number

Lot Number: 35339

Immediate Storage: Liquid nitrogen or thaw for immediate use.

Shipping Conditions: dry ice overnight (or liquid N₂ followed by dry ice overnight)

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www.lifetechnologies.com

Description:

GeneBLAzer® GPR10-NFAT-*bla* CHO-K1 Cells contain the human Prolactin Releasing Peptide (GPR10) stably integrated into the CellSensor® NFAT-*bla* CHO-K1 cell line. CellSensor® NFAT-*bla* CHO-K1 cells (Cat.no.K1078) contain a beta-lactamase reporter gene under control of the NFAT Response Element.

Accession Number: NM_004248.2

Quantity of Cells: ~ 2,000,000 cells/vial at 2,000,000 cells/mL

Harvest Density:

The harvest density for GeneBLAzer® GPR10-NFAT-*bla* CHO-K1 Cells for the functional QC testing is not available.

Population Status: Single cell clone origin

Passage Number: 9

Cell Phenotype: Epithelial

Growth Properties: Adherent

Antibiotic Selection: Zeocin™ 100 µg/mL, Geneticin® 400 µg/mL

YFP Marker: No

Storage and Handling:

After shipment either thaw for immediate use or store in liquid nitrogen. **Cells stored for more than 1 day at -80°C quickly lose viability.** If properly banked, cells are guaranteed for six months in liquid nitrogen.

Storage Buffer:

Recovery™ Cell Culture Freezing Medium (Invitrogen #12648-010).

Biosafety Level: 1

Instrument Settings:

The GeneBLAzer® GPR10-NFAT-*bla* CHO-K1 Cells requires a fluorescence plate reader capable of doing FRET and filters in the **excitation filter at 360 nm and an emission filter at 485 nm** range. When used with the LiveBLAzer™ or ToxBLAzer™ substrate an instrument capable of bottom reads is required. For instrument specific set-up information go to www.invitrogen.com/instrumentsetup.

Protocol or Product Information Sheet:

Visit www.lifetechnologies.com, search on the cell or kit part number and select manuals.

QUALITY ASSURANCE

Lot Specific Testing

Mycoplasma: Negative

Functional Testing:

Each lot of the GeneBLAzer® GPR10-NFAT-*bla* CHO-K1 Cells is tested for performance using the LiveBLAzer™ substrate. **Pass**

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Tony Goossens, Engineer II, QA/QC

Date: 05/Feb/2015

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CellSensor® is a registered trademark of Life Technologies Corporation.

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LiveBLAzer™ is a trademark of Life Technologies Corporation.

ToxBLAzer™ is a trademark of Life Technologies Corporation.

Recovery™ is a trademark of Life Technologies Corporation.

Zeocin™ is a trademark of InvivoGen.

For Research Use Only. Not for use in diagnostic procedures.

For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: drugdiscoverytech@lifetech.com

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