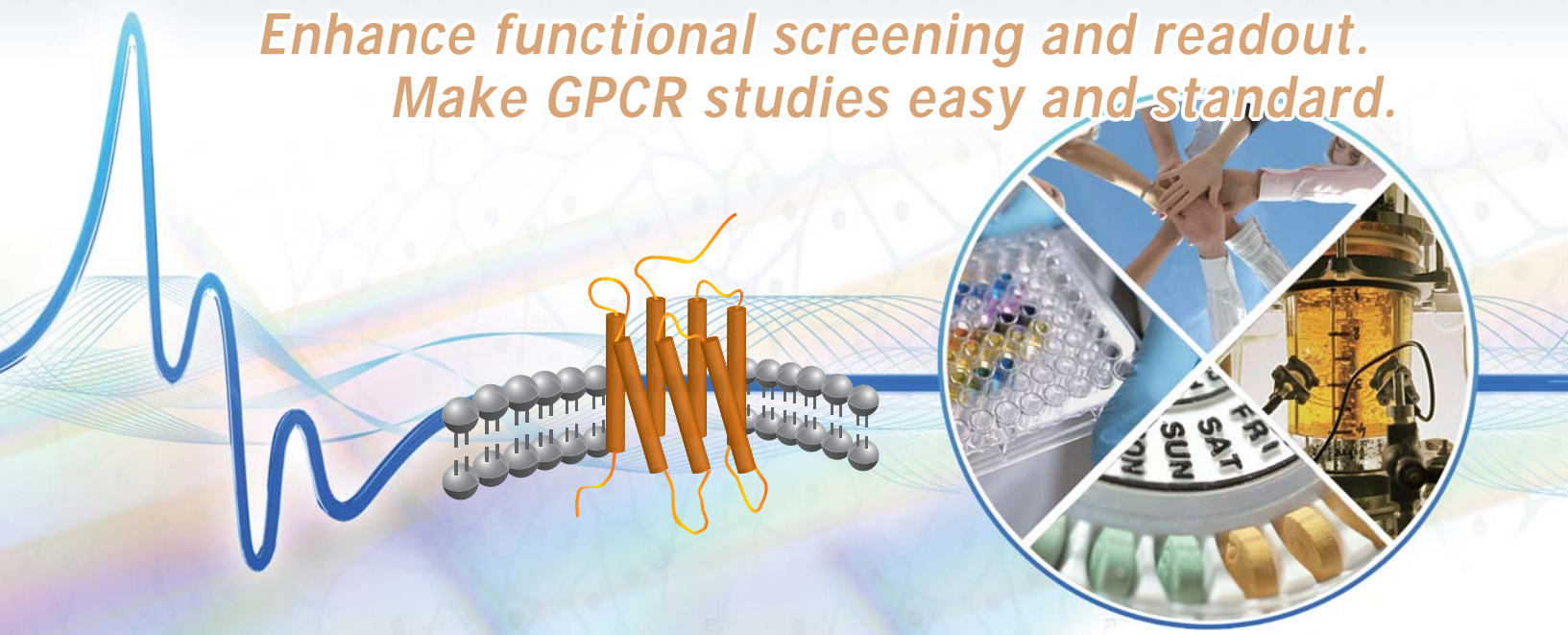


GPCR Stable Cell Line Services:

*Enhance functional screening and readout.
Make GPCR studies easy and standard.*



- ★ *Improved cell surface expression with GPCR stable cell lines.*
- ★ *Better signal-to-ratio for HTS assay.*
- ★ *Assay development with your GPCR cells for compound screening.*
- ★ *Ready-to-use frozen cell preparations for compound screening.*
- ★ *High quality and low prices for GPCR-related products and services.*
- ★ *Two free replacements within a 2-year period.*

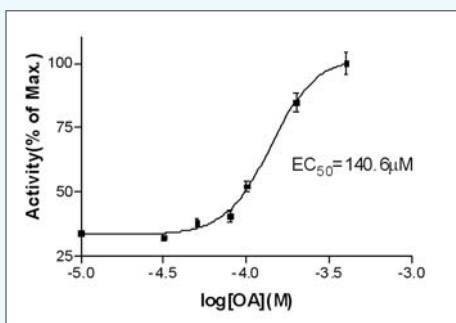


Fig1 Oleic acid dose response of HEK293/GPR40/NFAT/βla cell line with detection of β-lactamase activity.

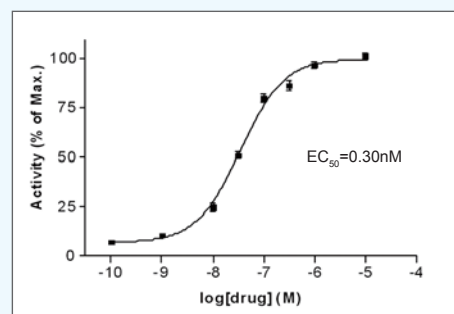


Fig 2 Carbachol dose response of HEK293/M1R cell line with detection of intracellular calcium flux.



Description:

The pharmaceutical industry uses stable cell lines in target discovery, target validation, assay development, and compound screening. They are also used in academia to evaluate the mechanisms of biological processes.

The generation of stable cell lines is a time-consuming and expensive process. GenScript offers a collection of stable mammalian cell lines that express a variety of proteins including members of the G protein-coupled receptor family (GPCRs), ion channels, kinases, and other enzymes.

GenScript also provides custom services in the generation of stable cell lines for our customers' genes of interest. Our Mammalian Stable Cell Line Development Services not only save you time but also take full advantage of our time-tested expertise in gene synthesis, cloning, stable cell line creation and assay development.

Product list:

We will provide two free replacements (1 vial for each replacement) within a 2-year period if you accidentally lose your cell line.

Cat. No.	Name	Price	Receptor
M00126	HEK293/MCHR1	\$14,900*	Human Melanin-Concentrating Hormone
M00137	HEK293/GPR40/NFAT/b-la	\$16,900*	Human Free Fatty Acid
M00127	HEK293/MCHR2	Quote	Human Melanin-Concentrating Hormone
M00128	HEK293/D1R/CRE/b-la	Quote	Human Dopamine
M00129	HEK293/D2R/Ga15	Quote	Human Dopamine
M00130	HEK293/D5R/CRE/b-la	Quote	Human Dopamine
M00131	HEK293/H1R/NFAT/b-la	Quote	Human Histamine
M00132	HEK293/H2R/CRE/luc	Quote	Human Histamine
M00133	HEK293/H3R/Ga15	Quote	Human Histamine
M00134	HEK293/H4R/Ga16	Quote	Human Histamine
M00135	HEK293/M1R	Quote	Human Muscarinic
M00136	HEK293/GnRHR/NFAT/b-la	Quote	Human Gonadotropin-Releasing Hormone

Get a quote now: **1-877-436-7274 (Toll-Free)** Email: bioassay@genscript.com

*promotion price ends by July 31, 2009

Custom Service:

Step description	Required Time (weeks)
1. Gene synthesis (optional)	2
2. Cloning of your gene into an expression vector (optional)	2-4
3. Stable transfection	1
4. Selection of positive clones	3-5
5. Positive clone identification and characterization	4-6
Total	12-18

Delivery Specifications:

3 highest expressing clones (2-3 ml of 10⁶ cells/ml)

Associated documentation (vector maps, all protocols, reports for all QC tests, assay SOPs and validation data, HTS validation if applicable)