

In Stock Service

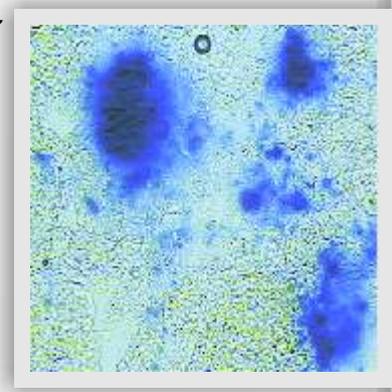
for reporter gene plasmids

Plasmids to go -
standard plasmid vectors ready to use
immediate delivery off the shelf

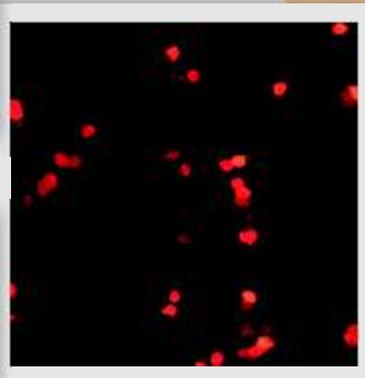
GFP
expression
in skeletal mouse
muscle [2]



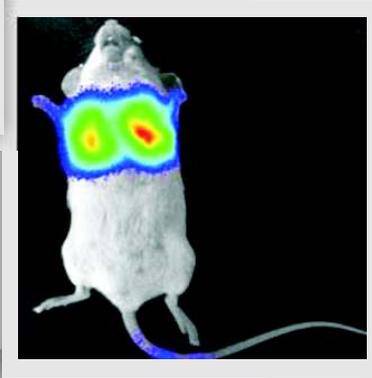
LacZ
reporter gene
expression in tumor
tissue (mouse) [1]



RFP
expression for
detection of pDP6rs
transfected 293T
cells [3]



Luc
expression in mouse
lung (electronically
modified for
evaluation) [4]



Picture credits:

- [1] Walther and Stein, Max-Delbrück-Center for Molecular Medicine, Berlin
- [2] Trollet, Bigey and Scherman, Chemical and Genetic Pharmacology, Université René Descartes, Paris
- [3] Kleinschmidt, DKFZ, Heidelberg
- [4] Rudolph, Maucksch and Aneja, Kinderklinik and Polyklinik, Dr. v. Haunersches Kinderspital, LMU München
- [1] and [2] in M. Schleaf (ed.), *DNA Pharmaceuticals*, Wiley-VCH, 2005

In Stock Service

for reporter gene plasmids



Our Service for you includes:

- *In Stock Service* - immediate delivery off the shelf
- Reproducible quality of the plasmid DNA by our standardized manufacturing technology incl. verified LPS-endotoxin removal
- Cultivation without any animal derived component
- Exactly defined quality and a homogeneous product supported by our proprietary capillary gel electrophoresis (CGE) analysis technology for the quantification of different plasmid topologies
- Complete characterization of the product by LAL (LPS-endotoxin) assay, BCA (total protein) assay, UV spectroscopy, restriction analysis, detection of RNA and bacterial chromosomal DNA by agarose gel electrophoresis (AGE), CGE

Plasmid features:

Available plasmid	Promoter/Reporter gene	Item no.	Plasmid size	Further specific features
pUC21*	-	PF450	3266 bp	Control plasmid, Amp resistance
pUK21*	-	PF451	3137 bp	Control plasmid, Kan resistance
pCMV	CMV/ -	PF464	3546 bp	Control plasmid, Amp resistance
pCMV- <i>luc</i>	CMV/ <i>firefly-luciferase</i>	PF461	6233 bp	Amp resistance
pCMV- <i>lacZ</i>	CMV/ <i>β-galactosidase</i>	PF462	7164 bp	Amp resistance
pCMV-GFP	CMV/ <i>green fluorescent protein</i>	PF463	3487 bp	Kan resistance

* Reference: Vieira, J. and Messing, J. (1991), New pUC-derived cloning vectors with different selectable markers and DNA-replication origins, *Gene* 100, 189-194.

Further *In Stock* Products:

- McBox - reporter gene *minicircles*
- pDG plasmids (AAV Helper & Packaging plasmids)
- pEPI plasmids containing S/MAR elements
- others

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