PEI Transfection Reagents

R&D and GMP Grade for Antibody & Viral Vector Production

Hieff Trans™ GMP Grade PEI Transfection Reagents (Cat# 40821) is a GMP transfection reagent solution for the development and manufacturing of viral vectors for cell- and gene- based therapies. It is an ideal reagent for the manufacture of clinical grade AAVs, LVs and recombinant proteins.

GMP grade PEI transfection reagent capitalizes on the efficiency and scalability of YEASEN research grade PEI transfection reagents (Cat# 40816; Cat# 40820) while adding the validation process and regulatory components necessary for its use as a raw material in clinical trials and commercial manufacturing. Our stringent formulation, manufacturing, and QC processes ensures each batch meets established specifications for identity, potency, purity, consistency, traceability, safety and regulatory support. To meet the critical requirements, Yeasen offers a complete range of transfection products or use through all phases of bioprocessing.

40816

R&D Grade Solid Standard QC

Used in process development and pre-clinical study

40820

R&D Grade Solution Standard QC

Used for process development, pre-clinical and early phase clinical trials

40821

GMP Grade Solution Validated QC

Clinical trials and commercialization

Highlight

R&D Grade

- For pre-cGMP pilot study
- Provided seamless transition to GMP batch
- High transfection efficiency
- Predictable and scalable performance
- Used for process development, pre-clinical and early phase clinical trials

GMP Grade

- Excellent transfection efficiency
- GMP Grade solution under ISO 13485 Quality Management System
- Validated, product-specific process and analytical methods
- Fully synthetic, animal-origin-free
- Regulatory support documents available
- Reproducible, scalable, versatile
- Cost-effective

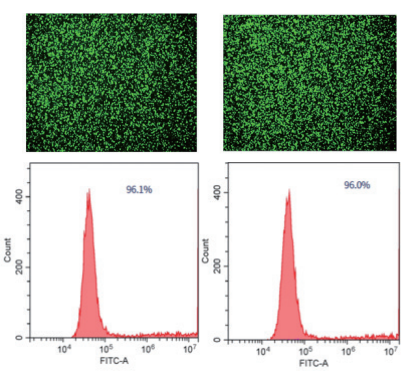

Figure 1. Adherent HEK-293 cell was transfected with AAV-GFP expression plasmid at 72h (Plasmid: transfection reagent =2μg: 4μl). Fluorescence result was shown in Figure 1.

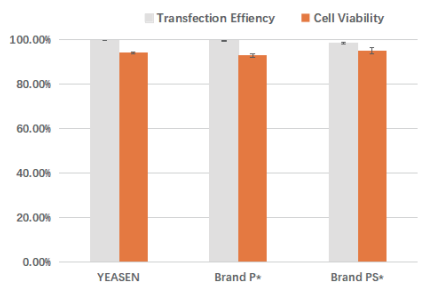

Figure 2. Plasmid MCS-GFP was transfected into the adherent HEK-293 cells with three different brand PEI transfection reagents (Plasmid: transfection reagent = 2μg: 4μl). Cell proliferation was measured 48h post-transfection.

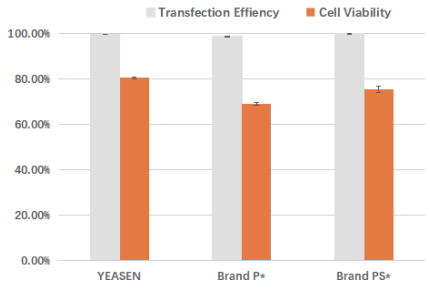

Figure 3. Plasmid MCS-GFP was transfected into the suspended HEK-293 cells with three different brand PEI transfection reagents (Plasmid: transfection reagent = 2μg: 4μl). Cell proliferation was measured 72h post-transfection.

Order Information

Cat. No	Product Name	Package
40821	Hieff Trans™ PEI Transfection Reagent-GMP	10mL /100mL/1L
40820	Hieff Trans™ PEI Transfection Reagent	1.5mL/10mL /100mL
40816	Polyethylenimine Linear (PEI) MW40000 (rapid lysis)	5mg/100mg/1g

Yeasen Biotechnology

WEB: www.yeasenbiotech.com Tel: +1 2404726069
E-mail: overseas@yeasen.com
ADD: 209 Perry Pkwy,Suite 13, Gaithersburg, MD 20877