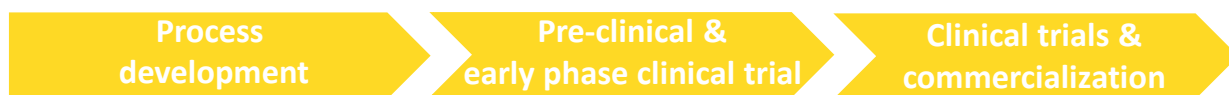


# Scalable viral vector production

## PEIpro<sup>®</sup> product range



- + Gold standard transfection reagent for Gene and Cell therapy
- + Seamless transition from process development up to commercialization
- + Obtain high virus yields in both adherent and suspension cell systems
- + First GMP grade transfection reagent available worldwide
- + Customized regulatory support to meet compliance requirements
- + Validated GMP-compliant residual test service available

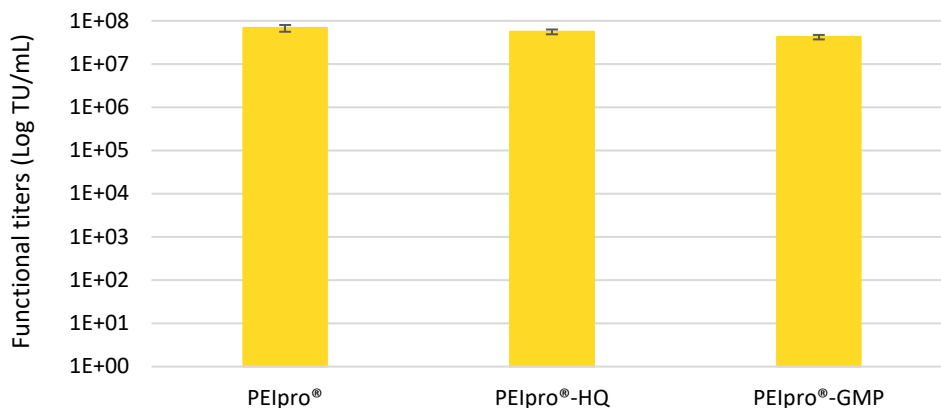


Characteristics	PEIpro <sup>®</sup>	PEIpro <sup>®</sup> -HQ	PEIpro <sup>®</sup> -GMP
<b>Quality Grade</b>	R&D grade	Pre-clinical grade	GMP grade
<b>Composition</b>	Ready to use, chemically defined and animal derived component free		
<b>Packaging</b>	Bottles	Bottles	Bottles Bags (closed system)
<b>Manufacturing site</b>	Polyplus-transfection	Polyplus-transfection	Dual sourced from two GMP accredited facilities
<b>Fill &amp; finish manufacturing process</b>	Sterile filtration	Sterile filtration	Sterile filtration Validated aseptic process
<b>Quality Controls</b>	Standard QCs	Extended QCs to assess Identity, Potency, Purity and Safety	Validated QCs according to European Pharmacopeia assessing Identity, Potency, Purity and Safety
<b>Audit</b>	According to ISO 9001 2015	According to ISO 9001 2015	According to ICH Q7, GMP Part II and Annex I

Range of PEIpro<sup>®</sup> quality grade reagents for each step of nucleic acid-mediated viral vector-based manufacturing.



## Three quality grades of PEIpro® with the same viral yield:



Transfection were performed on HEK-293T cells using standard protocols.

## Polyplus-transfection® is the only supplier worldwide to offer a global solution:

- + 100% audit rate
- + PEIpro® residual test available
- + Several packaging sizes and conditioning
- + Dual sourced PEIpro®-GMP
- + Fully GMP-compliant PEIpro®-GMP:



### VOIR LES PRODUITS

Product	Part N°	Reagent size
PEIpro®	101000017	1,5 mL bottle
	101000033	10 mL bottle
	101000026	100 mL bottle
	101000029	1 L bottle

Product	Part N°	Reagent size
PEIpro®-HQ	101000052	100 mL bottle
	101000039	1 L bottle

Product	Part N°	Reagent size
PEIpro®-GMP	102000008 / 102000001	1 L bag
	102000005	300 mL bag
	102000002	100 mL bottle
	102000011	10 x 10 mL bottles