



Scalable viral vector production

PEIpro[®] 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 residual test available upon request

Process development

Pre-clinical & early phase clinical trial

Clinical trials & commercialization

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

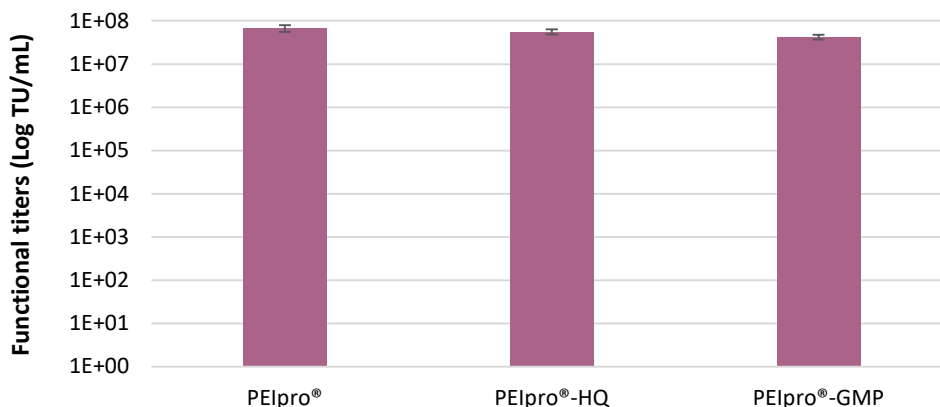
Range of PEIpro[®] quality grade reagents for each step of nucleic acid-mediated viral vector-based manufacturing.



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PEIpro[®] product range

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:



Product	Ref N°	Reagent size
PEIpro [®]	115-0015	1.5 mL
	115-010	10 mL
	115-040	4 x 10 mL
	115-100	100 mL
	115-400	4 x 100 mL

Product	Ref N°	Reagent size
PEIpro [®] -HQ	301-400	4 x 100 mL
	301-01K	10 x 100 mL
	301-01L	1 L

Product	Ref N°	Reagent size
PEIpro [®] -GMP	125-01L	1 L bag
	127-300	300 mL bag
	126-100	100 mL bottle
	126-10x10	10 x 10 mL bottles



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