

Product Data Sheet



AAV2 standard material (eGFP)

Cat. No.	66V021
Product	Purified AAV2 capsids containing eGFP reporter gene controlled by a CMV promoter
Lot No.	FAK25133
Packing Unit	200 µl
Viral Genome Titer	4.9E+12 vg/ml (qPCR – ITR primers)
Filling grade	75% full capsids (DLS-SLS-UV/Vis)
Transfer vector	pAAV-CMV-eGFP-WPRE
Packaging plasmid	pRep2-Cap2 + pHelper
Source	HEK293-based suspension cell line
Endotoxin	< 1.0 EU/ml (detection limit 1.0 EU/ml)
Purification	POROS CaptureSelect AAVX (Thermo Fisher Scientific) and iodixanol gradient centrifugation for removal of empty capsids using OptiPrep™ (Cat. No. 1893, PROGEN)
Purity	> 95 % by SDS-PAGE and Stain-Free Technology from Bio-Rad
Formulation	PBS + 0.014% Tween20 + 1 mM MgCl ₂ + 2.5 mM KCl
Storage	Up to 2 weeks: 2-8°C; long term storage in aliquots at -80°C; avoid > 5 freeze/thaw cycles
Note	Aliquoting and repeated freeze/thaw cycles can lead to a drop in titer
IMPORTANT:	Research product, not for diagnostic or therapeutic use!