

Product Data Sheet



AAV2 standard material (eGFP)

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| Cat. No. | 66V021 |
| Product | Purified AAV2 capsids containing eGFP reporter gene controlled by a CMV promoter |
| Lot No. | FAK25134 |
| Packing Unit | 200 µl |
| Viral Genome Titer | 5.9E+12 vg/ml (qPCR – ITR primers) |
| Filling grade | 72% full capsids (DLS-SLS-UV/Vis) |
| Transfer vector | pAAV-CMV-eGFP-WPRE |
| Packaging plasmid | pDP2rs |
| Source | HEK293T |
| 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! |