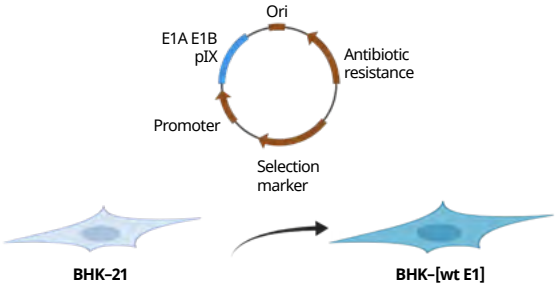
Biomaterials

Cell lines for research, biomanufacturing and viral vector production

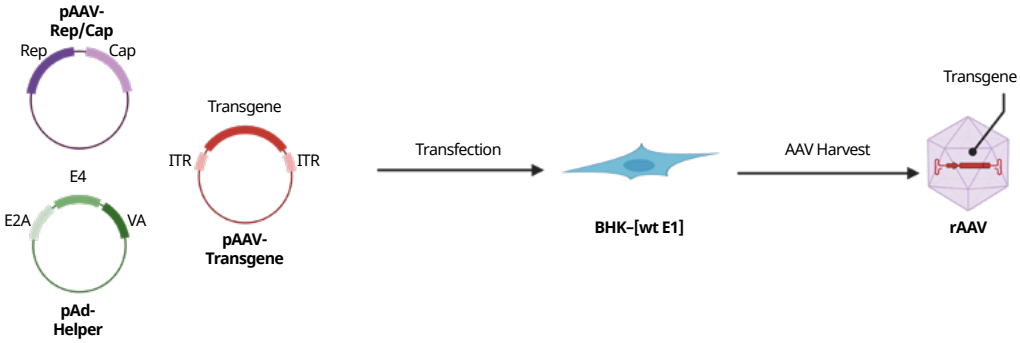
Agathos BHK-[wt E1] has been developed for recombinant adeno-associated virus (rAAV) production and other biomanufacturing and research applications that benefit from a mammalian cell expressing the adenovirus E1 gene.

- Based on widely used BHK-21
- Existing plasmids and transfection processes for rAAV production
- BHK origin avoids ethical concerns

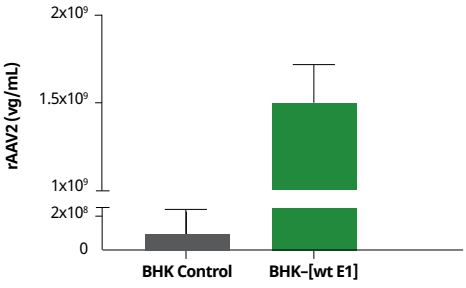
Agathos will continue to develop and optimize BHK-[wt E1] for biomanufacturing and research use, along with other cell lines and genetic modifications, to address both technological and ethical challenges.



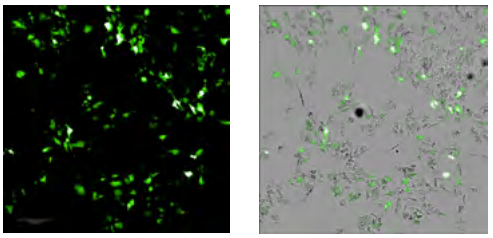
BHK-[wt E1] was developed by transfecting adenovirus E1 genes with selective pressure using hygromycin.



Using existing plasmids and triple transfection techniques BHK-[wt E1] was used to produce rAAV.



dPCR quantification of rAAV2 after triple transfection of BHK control (below level of detection for the assay) and BHK-[wt E1] cells.



Fluorescent (left) and fluorescent merged with bright field (right) images of HepG2 cells transduced with rAAV2-GFP from BHK-[wt E1].

Contact us today to gain access to BHK-[wt E1] and other cell lines, and collaborate on their development.

agathos the good science company

Agathos Biologics
4837 Amber Valley Parkway, Suite 12
Fargo, North Dakota 58104
www.agathos.bio

For more information:
sales@agathos.bio | +1 701-415-3394