

HEK293-huK_{ir}3.1/3.2

Lot #10612a

Product Information	
Host	HEK293
Catalog Number	C1101
Freezing Medium	Bambanker serum free freezing medium
Cell Culture Media*	Advanced MEM with 5% FBS, 1X GlutaMAX, 5 µg/mL Blasticidin and 3 µg/mL Puromycin
Storage Temperature	-125 to -200°C

Method	Specification	Analysis
Content		
Average Cell Suspension Volume/ Vial	≥ 0.9 and ≤ 1.1 mL	Pass
Average Cell Count/ Vial	> 2.0 X 10 ⁶	Pass
Sterility		
PCR Mycoplasma Testing**	Not detected	Pass
Viability		
Post-thaw Cell Viability	> 98%	Pass
Post-thaw Growth to Confluence	Confluence reached within 3 days in a T75 flask	Pass
Guaranteed Usage	> 10 passages	Pass
Biology		
HuK _{ir} 3.1/3.2 Channel Function	Potassium channel activator response tested by Thallium Flux assay	Pass

*Please see product specification sheet for detailed cell recovery and cell culture methods

** ATCC PCR-based Mycoplasma Detection Service used for sterility specification



Andrew Vergote
 Quality Manager

17 Apr 2024