

CHO-K1 Kv11.1 (hERG) Recombinant Cell Line

Catalog # C1202

Category	Specification
Product Details	
Description and Intended Use	A stable CHO cell line overexpressing hERG potassium channels for studying Kv11.1 pharmacology and safety screening.
Host	CHO-K1
Freezing Medium	Bambanker serum free freezing medium
Recommended Cell Culture Media ¹	Advanced MEM with 5% FBS, 1X GlutaMAX, 3 µg/mL Puromycin
Storage Temperature(s)	Short Term: -80°C (product ships in dry ice pellets) Long Term: -150°C to -200°C
Container	Polypropylene, Cryogenic Vial (rated for LN ₂ vapor phase storage only)
Product Contents	
Average Cell Suspension Volume/Vial	≥ 0.9 and ≤ 1.1 mL
Average Cell Count/Vial	> 2.0 x 10 ⁶
Sterility	
PCR Mycoplasma Testing ²	Not Detected
Viability	
Post-thaw Cell Viability	> 95%
Post-thaw Growth to Confluence	Confluence reached within 3 days in a T75 flask
Guaranteed Usage	> 10 passages
Biology	
Kv11.1 (hERG) Channel Function	Potassium channel inhibitor response tested by Thallium Flux Assay

1– See product Protocol for detailed cell recovery and cell culture methods, available on the product webpage

2– ATCC PCR-based Mycoplasma Detection Service used for sterility specification