

Chinese Hamster Ovary CHO-K1

Cat. No:
CHOiX-adhCHO

ORIGIN AND GENERAL CHARACTERISTICS

Organism:	Cricetulus griseus (hamster, Chinese)
Gender:	Female
Morphology:	Epithelial
Growth properties:	Monolayer, adherent
Description:	The CHO-K1 cell line was derived as a subclone from the parental CHO cell line initiated from a biopsy of an ovary of an adult Chinese hamster by T. T. Puck in 1957.

SUBCULTURING

Remove medium and rinse the adherent cells using PBS without calcium and magnesium (3-5 ml PBS for T25, 5-10ml for T75 cell culture flasks). Add Accutase (1-2ml per T25, 2.5ml per T75 cell culture flask), the cell sheet must be covered completely. Incubate at 37°C for 10 minutes. Carefully resuspend the cells, the addition of medium is optional but not necessary, and dispense into new flasks which contain 25% conditioned and 75% fresh medium.

Recommended seeding density:	20.000 cells/cm ²
Fluid Renewal:	every 2-3 days
Medium:	CHOiX-adh TNCbio

Viruses:	SMRV: Negative, as confirmed by Real-Time PCR
Karyotype:	Chromosome Frequency Distribution 50 Cells: 2n = 22. Stemline number is hypodiploid.
Reverse transcriptase:	Negative
Virus susceptibility:	Vesicular stomatitis (Indiana); Getah virus
Virus Resist:	Poliovirus 2; modoc virus; Button Willow virus

This product is for laboratory research use only.



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