CellTrend GmbH

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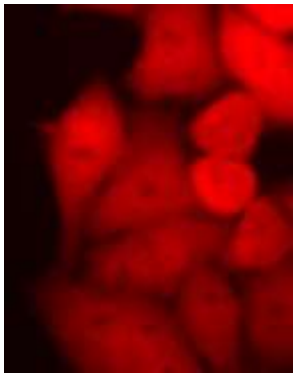
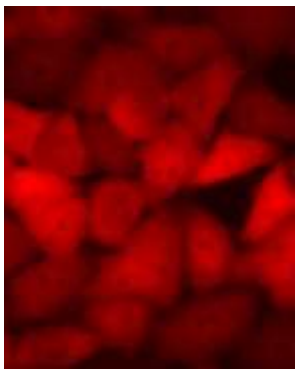
Cell Line Specification Sheet

HeLa-TurboFP602

Human cervix carcinoma cells expressing deep-red fluorescent TurboFP602



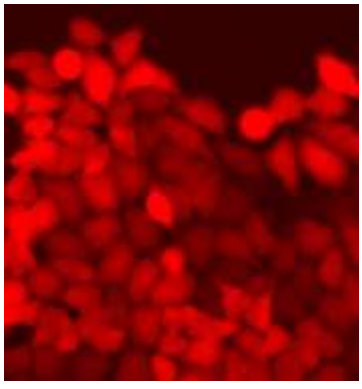


SPECIFICATIONS:

Cell Line:	HeLa cells expressing TurboFP602
Cells/vial:	approximately 5 x 10^5
Subculturing:	1:3 to 1:5
Medium Renewal:	2 to 3 times per week
Growth Medium:	DMEM (1 g/L D-Glucose, 3,7 g/L NaHCO3) + 10 % fetal calf serum (FCS), 2 mM L-Alanyl-L-Glutamine, 1 % Non Essential Amino Acids (NEA)
Freeze Medium:	complete growth medium + 10% FCS, 10% DMSO
mycoplasma-free	
Shipping:	frozen
Storage Recommendation:	Liquid nitrogen
Biosafety Level:	1

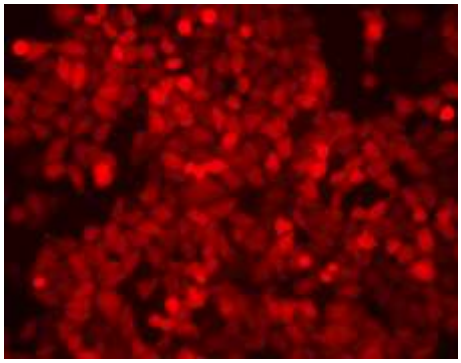
INFORMATION:

Organism:	*homo sapiens* (human)
Source:	Organ: cervix, disease: adenocarcinoma
Gender:	female, 31 years
Ethnicity:	African American
Growth properties:	adherent
Morphology:	epithelial
Conditions:	37 °C, 5 % CO_2
Plasmid:	pTurboFP602-C (Evrogen, Moscow, Russia)



HeLa cells expressing TurboFP602

Human cervix carcinoma cells were stably transfected with pTurboFP602 resulting in a bright red fluorescence with an emission maximum at 602 nm in all cells. The HeLa cell line was established as the first cell line from a cervix carcinoma of a 31-year-old woman in 1951. These cells proliferate rapidly and display an active telomerase enzyme avoiding normal aging and cell death through shortening of the telomeres. HeLa cells are very durable, easy to handle and widely used in cell culture-based research.



FOR NON-HUMAN INVESTIGATIONAL RESEARCH ONLY.

TO BE HANDLED UNDER BIOSAFETY LEVEL 1 CONTAINMENT.

Information derived from ATCC and ECACC.

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