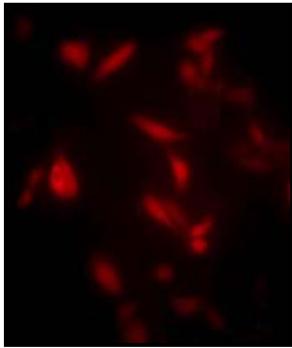


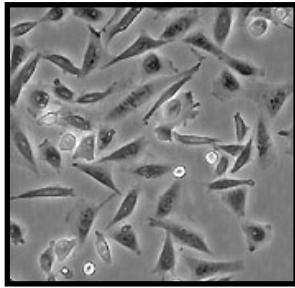
## VAMPIRO™ CELL LINES

### RED FLUORESCENT CHO-K1 CELLS



<b>Product Name:</b>	VAMPIRO™ - CHO-K1 Cell line
<b>Catalog Number:</b>	P20302
<b>Cell Line:</b>	CHO-K1 Hamster Chinese Ovary
<b>Fluorescent Protein:</b>	FP602
<b>Format:</b>	3 x 10 <sup>6</sup> cells in Cryopreserved vials
<b>Storage:</b>	Liquid Nitrogen

A novel red fluorescent CHO-K1 cell line has been developed through stable transfection with TurboFP602 protein. This cell line expresses red fluorescent protein gene sequence as free cytoplasmatic proteins.



Turbo FP602-CHOK1 is a stably-transfected cell line that is ready to use in cell-based assay applications. This stably transfected clonal cell line provides consistent levels of expression, which helps to simplify the interpretation of results. This cell line is intended to be used as "in vitro" model for research studies.

#### **About CHO-K1**

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 in 1957. They are epithelial-like cells growing as monolayer. CHO-K1 cells are known to be used in nutrition and gene expression studies but they are also used in transfection, toxicity screening, cell biology, virology, cytotoxicity and bacterial cytotoxicity research.

**Use Restriction** This product contains a proprietary nucleic acid coding for a proprietary fluorescent protein intended to be used for research purposes only. No rights are conveyed to modify or clone the gene encoding fluorescent protein contained in this product, or to use the gene or protein other than for non-commercial research, including use for validation or screening compounds. For information on commercial licensing, contact Licensing Department, Evrogen JSC, email: [license@evrogen.com](mailto:license@evrogen.com).

 **About turboFP602 protein**

TurboFP602 protein is a red shifted variant of the red fluorescent protein TurboRFP from sea anemone *Entacmaea quadricolor* [Merzlyak et al., 2007].

TurboFP602 possesses true-red fluorescence (with excitation/emission maxima at 574/602 nm, respectively), optimal for detection via most popular filter sets, and is easily distinguished from background signals. TurboFP602 exhibits fast maturation and high pH stability.

 **Quality Control**

All cells are performance assayed and test negative for mycoplasma, bacteria, yeast and fungi. Cell viability, morphology and proliferative capacity are measured after recovery from cryopreservation. Innoprot guarantees stable expression for many generations and provides support for cell culture and visualization.

**THIS PRODUCT IS FOR RESEARCH PURPOSES**

**ONLY.** It is not to be used for drug or diagnostic purposes, nor is it intended for human use. Innoprot products may not be resold, modified for resale, or used to manufacture commercial products without written approval of Innovative Technologies in Biological Systems, S.L.