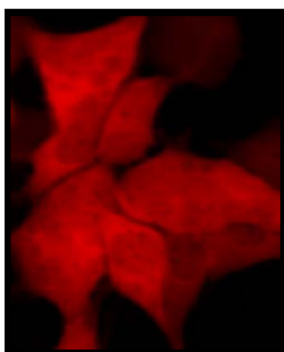


## VAMPIRE™ CELL LINES

### RED FLUORESCENT HEK-293 CELLS



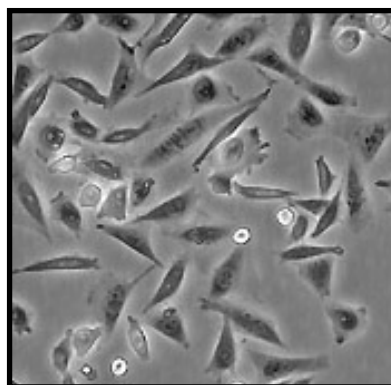
<b>Product Name:</b>	VAMPIRE™ – HEK293 Cell line
<b>Catalog Number:</b>	P20308
<b>Cell Line:</b>	Human Kidney Epithelial Cells
<b>Fluorescent Protein:</b>	turbo FP602
<b>Format:</b>	> 3 x 10 <sup>6</sup> cells in Cryopreserved vials
<b>Storage:</b>	Liquid Nitrogen

A novel red fluorescent HEK293 cell line has been developed through stable transfection with TurboFP602 protein. This cell line expresses red fluorescent protein as a free cytoplasmatic protein.

Turbo FP602-HEK293 Cell line is stably-transfected and it is ready to use in cell-based assay applications. This stably transfected cell line provides consistent levels of expression, which helps to simplify the interpretation of the results. This cell line is intended to be used as an “in vitro” model for research studies.

#### **About HEK293**

Human Embryonic Kidney cells, also known as HEK cells, HEK 293 or just 293 cells, are a cell line originally derived, as their name indicates, from an embryonic human kidney. HEK cells have been grown in tissue culture for many years and have become very widely used. They are very easy to grow and transfect very readily and so are widely-used in cell biology research. HEK 293 cells were generated by transformation of human embryonic kidney cell cultures (HEK) with sheared adenovirus 5 DNA. They are also used by the biotechnology industry to produce therapeutic proteins and viruses for gene therapy.



**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.