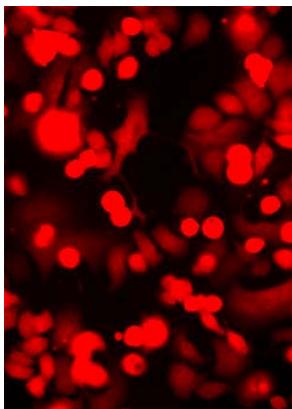


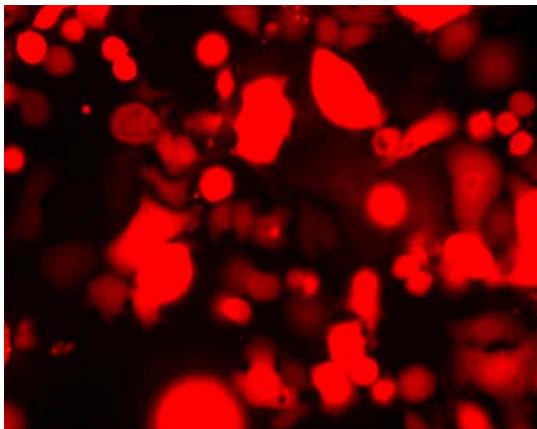
VAMPIRO™ CELL LINES

RED FLUORESCENT SK-BR-3 CELLS



Product Name:	VAMPIRO™ – SK-BR-3 Cell line
Catalog Number:	P20329
Cell Line:	SK-BR-3
Fluorescent Protein:	turboFP602
Resistance:	G418
Format:	> 3x10 ⁶ cells in Cryopreserved vials
Storage:	Liquid Nitrogen

A novel red fluorescent SK-BR-3 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 SK-BR-3 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 SK-BR-3

This cell line was established in 1970 from the pleural effusion of a 43-year-old Caucasian female with malignant adenocarcinoma of the breast.

SK-BR-3 is a human breast cancer cell line that overexpresses the Her2 (Neu/ErbB-2) gene product. These cells display an epithelial morphology in tissue culture and are capable of forming poorly differentiated tumors in immunocompromised mice. The SK-BR-3 cells and products derived from it are used often as positive controls in assays for Her2. In addition, the cell line is also a useful preclinical model to screen for therapeutic agents targeting Her2 and to delineate mechanisms of resistance to Her2-targeted therapies.

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.

 **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.