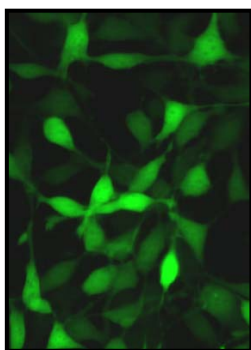


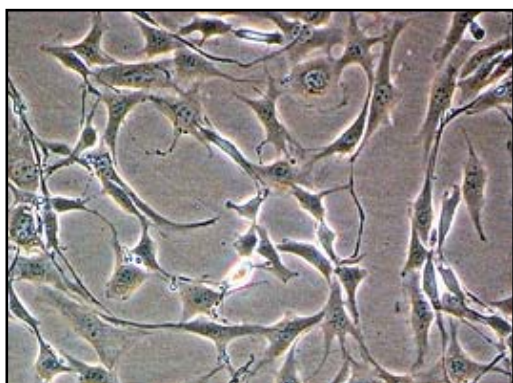
## LINTERNA™ CELL LINES

### GREEN FLUORESCENT NIH/3T3 CELL LINE



<b>Product Name:</b>	LINTERNA™ – 3T3 Cell line
<b>Catalog Number:</b>	P20105
<b>Cell Type:</b>	3T3 Swiss albino mouse fibroblasts
<b>Fluorescent Protein:</b>	turboGFP (Evrogen)
<b>Format:</b>	3 x 10 <sup>6</sup> cells in Cryopreserved vials
<b>Storage:</b>	Liquid Nitrogen

A novel green fluorescent NIH/3T3 cell line has been developed through stable transfection with Evrogen TurboGFP. This cell line expresses green fluorescent protein gene sequences as free cytoplasmatic proteins.



tGFP-3T3 Cell line is stably transfected clonal 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 simplify the interpretation of results. This cell line is intended to be used for transfection studies with DNA viruses and as assay system for transformation studies; cells have a high sensitivity to contact inhibition.

#### **About NIH/3T3**

This cell line was established from disaggregated Swiss albino mouse embryos in 1962. They are fibroblasts growing adherently as monolayer with contact inhibition. Swiss 3T3 cells are inhibited by temazepam and other benzodiazepines. The original cells are extremely contact inhibited, although the cell line is no longer inhibited. 3T3 cells are sensitive to sarcoma virus focus formation, as well as leukemia virus.

3T3 cells are often used in the cultivation of keratinocytes, with the 3T3 cells secreting growth factors favourable to these kinds of cells.

#### **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 TurboGFP**

tGFP is an improved variant of the green fluorescent protein CopGFP cloned from copepoda *Pontellina plumata* (Arthropoda; Crustacea; Maxillopoda; Copepoda). It possesses bright green fluorescence (excitation/emission max = 482/ 502 nm) that is visible earlier than fluorescence of other green fluorescent proteins. TurboGFP is mainly intended for applications where fast appearance of bright fluorescence is crucial. It is specially recommended for cell and organelle labeling and tracking the promoter activity.

### **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.