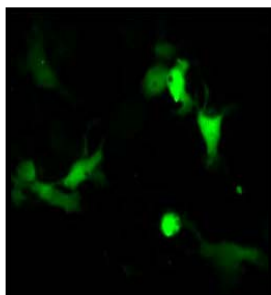


## LINTERNA™ CELL LINES

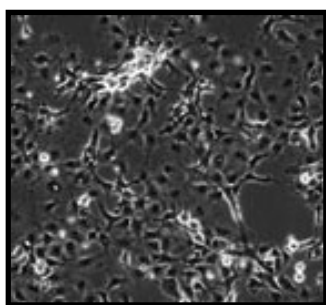
### GREEN FLUORESCENT COS-7 CELLS



<b>Product Name:</b>	LINTERNA™ - COS-7 Cell line
<b>Catalog Number:</b>	P20110
<b>Cell Line:</b>	COS-7 African green monkey kidney
<b>Fluorescent Protein:</b>	tGFP
<b>Format:</b>	3 x 10 <sup>6</sup> cells in Cryopreserved vials
<b>Storage:</b>	Liquid Nitrogen

*This cell line has been produced with the technology developed within FP7 PASCA EU project, and is 100% certified truly monoclonal.*

A novel green fluorescent COS-7 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-COS 7 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 as “in vitro” model for research studies.

#### **About COS-7**

The COS-7 cell line was derived from the kidney of the African Green Monkey, *Cercopithecus aethiops*. The cells themselves most resemble fibroblast cells in humans and are thus often called COS-7 monkey fibroblast or COS-7 fibroblast-like cells. COS-7 cell line has been established from CV-1 cells which have been transformed by an origin-defective mutant of SV40 coding for wild-type T antigen. This line contains T antigen, retains complete permissiveness for lytic growth of SV40, supports the replication of ts A209 virus at 40°C, and supports the replication of pure populations of SV40 mutants with deletions in the early region..

### **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. tGFP 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.

#### **Use Restriction – Research Purposes Only**

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)