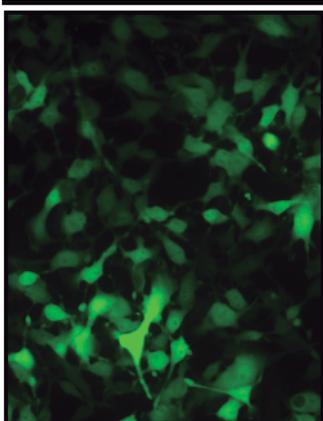


LINTERNA™ CELL LINES

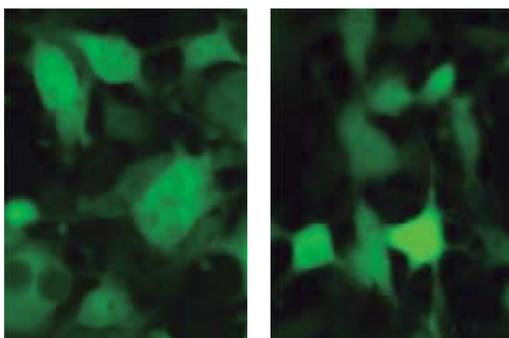
GREEN FLUORESCENT B16-F10 CELLS



Product Name:	LINTERNA™ – B16-F10 Cell line
Catalog Number:	P20121
Cell Line:	B16-F10 Mouse melanoma
Fluorescent Protein:	turboGFP (Evrogen)
Resistance:	Puromycin
Format:	> 3x10 ⁶ cells in Cryopreserved vials
Storage:	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 B16-F10 cell line has been developed through stable transfection with turboGFP protein. This cell line expresses green fluorescent protein as a free cytoplasmatic protein.



TurboGFP-B16-F10 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 B16-F10

B16F₁₀ cell line is a high metastatic variant of the murine B16 mouse melanoma, which was originated in the syngenic C57BL/6 (H-2b) mouse strain. This cell line is a mixture of adherent spindle-shaped and epithelial-like cells. B16F10 cell line is a well-established model for metastasis and it is applicable for the study of experimental cancer therapies.

Melanoma tumors are known to express different tumor-associated antigens, which usually induce weak immune responses of short duration. Expression of both tumor-associated antigens p53 and TRP2 by melanoma cells raises the possibility of simultaneously targeting more than one antigen in a therapeutic vaccine. Melanomas express.

 **Quality Control**

 **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.

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

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