

BioWhittaker® ProPer™ 1

Instructions for Use

Contents

Section	Description	Page
I	Introduction	1
II	Instructions for Use	1
III	Storage	1
IV	Ordering Information	1

I. Introduction

ProPer™ 1 is a serum-free medium designed to support growth of PER.C6® cells and suspension retinoblastoma. These cells are used for adenoviral-based gene therapy, production of vaccines, cytokines, antibodies and other therapeutic proteins. This medium is a protein-free formulation, which significantly facilitates the downstream process.

ProPer™ 1 is a chemically-defined medium that contains Hepes and NaHCO₃ as buffering systems. ProPer™ is produced with only non-animal origin raw materials. It has Pluronic® acid at 0.1% to protect cells from shear stress in a bioreactor. It does not contain L-glutamine or phenol red.

For answers to frequently asked questions regarding this product, please visit our FAQ database:
www.lonza.com/faq

For citations citing the use of this product, please visit our Citations database:
www.lonza.com/citations

II. Instruction for Use

The ProPer™ 1 formulation has been designed to allow transfer from a serum-supplemented medium without weaning. ProPer™ 1 supports cell growth with minimal doubling time (24 hours) and maximum cell density (1.8×10^6 cells/ml). Cultures should be carried out at 37°C. Because of the presence of Hepes in the media, CO₂ is not required, however a 5% CO₂ atmosphere can be used if desired. The medium should be supplemented with 4 mM L-Glutamine.

III. Storage

ProPer™ 1 should be stored in the dark at 2-8°C.

IV. Ordering Information

Cat. No.	Product	Size
BE02-028Q	ProPer™ 1 w/o L-glutamine or phenol red	1 L

Related Products

Cat. No.	Product	Size
17-605E	L-glutamine 200 mM	100 mL
BE17-605E/U1	UltraGlutamine™ I 200 mM	100 mL
BE04-684E	UltraGlutamine™ II 200 mM	100mL
12-769E	ProFreeze™-CDM™	100 mL

Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* diagnostic procedures.

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Pluronic® acid is a registered trademark of BASF Corporation.

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