

BioWhittaker™ ProPer-1

Product Information

Introduction

ProPer-1 is a serum-free medium of non-animal origin 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, with only low quantity of human recombinant insulin (4 mg/L), which significantly facilitates the downstream process

ProPer-1 is a chemically defined medium that contains Hepes and NaHCO₃ as buffering system. It has Pluronic® acid (poloxamer) at 0.1% to protect cells from shear stress in bioreactor. It does not contain glutamine or phenol red.

ProPer-1 is available as ready to use liquid formulation with the addition of L-Glutamine. On request, it can be manufactured as powder plus supplements.

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 (1.8 10⁶ cells per ml). Cultures should be carried out at 37°. Because of the presence of Hepes in the media, CO₂ is not absolutely required. Nevertheless, a 5% CO₂ atmosphere can be used. Medium should be supplemented with 4 mM L-Glutamine.

Storage

ProPer-1 should be stored at 2-8 °C in the dark. Open bottles should be used rapidly.

Ordering Information

Cat.No.	Size
ProPer-1 w/o L-glutamine or phenol red	
02-028Q	1 L

Related Products

L-Glutamine 200mM	
BE17-605E	100 ml
UltraGlutamine™ I 200mM	
BE17-605E/U1	100 ml
UltraGlutamine™ II 200mM	
BE04-684E	100 ml
ProFreeze™ NAO 2x	
US12-769E	100 ml

PER.C6® is a registered trademark of Crucell NV.
Pluronic® acid is a registered trademark of BASF Corporation.