

GFR Basement Membrane Matrix (Phenol Red-Free/HC)

Introduction

This product is a basement membrane extracted from tumors of EHS mice, rich in extracellular matrix proteins. Its main components are laminin, collagen IV and nestin. Basement membrane extracted from mouse tumors also contain some growth factors, such as TGF- β , EGF, IGF.

This product not only reduces the level of a variety of growth factor, but also has a high concentration of approximately 12 mg/mL, which is very suitable for in vivo experiments, such as mouse tumorigenesis experiments. This product is a sterile solution and does not contain phenol red.

Components and Storage

Components	Size	10 mL	Storage
GFR Basement Membrane Matrix (Phenol Red-Free/HC)		10 mL	-80°C
Shipping: Dry ice		Shelf life: 2 years	

Protocol

1. Prepare before use

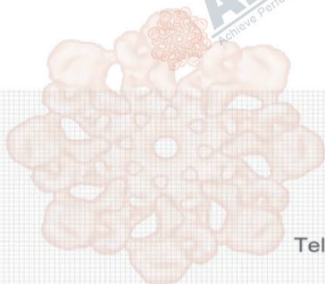
- 1) When first use, immerse the vial in ice and then place it in a 4°C freezer overnight to thaw. After thawing, swirl vial to ensure that the contents are well mixed. Aliquot this product to avoid repeated freeze-thaw cycles.
- 2) This product is temperature sensitive, keep it on ice all the time. As soon as the temperature rises, this product may partially solidify.
- 3) It is suggested that pre-cool all used consumables in advance.

2. In vivo injection

- 1) Thaw this product and mix well by slowly pipetting up and down.
- 2) Suspend cells with GFR Basement Membrane Matrix (Phenol Red-Free/HC) in ice. The recommended Matrix concentration > 50%.
- 3) Inject cells/Matrix as soon as quickly to prevent Matrix from solidifying.

Note

1. This product should not be stored in a frost-free refrigerator to avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and gloves during the experiment.
3. For research use only. Not to be used in clinical diagnostic or clinical trials.



APExBIO Technology
www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

