

Recombinant Human Laminin 521 Protein (PG)

Catalog No.: RPT0020LQ **Recombinant**

Sequence Information

Species **Gene ID** **Swiss Prot**
Human

Tags

Synonyms

Laminin 521

Product Information

Source **Purification**
Mammalian cells > 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

Laminin 521, a heterotrimeric glycoprotein composed of one alpha 5, one beta 2 and one gamma 1 chain, is a defined matrix for feeder-free culture of human embryonic (hES) and induced pluripotent (hiPS) stem cells. When used in combination with defined maintenance media, Laminin 521 reliably facilitates self-renewal of human hES and hiPS cells without spontaneous differentiation.

Basic Information

Description

Bio-Activity

1.Supports stable self-renewal of hPSCs.|2.Improved recovery and survival following passage of singularized PSCs in the absence of ROCK inhibitors.|3.MSC and other stem cell culture.|4.Maintain the differentiation potential of cells in long-term culture.|5.Other related applications.

Storage

-20°C to -80°C, stable for at least 2 years from date of receipt. 3 months at 2-8°C after thaw.
Avoid repeated freeze/thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn