Recombinant Human Laminin 521 Protein

Catalog No.: RPT0020LQ

www.abclonal.com

Sequence Information

Species
Human

Gene ID
3911&3913&3915

Swiss Prot

Tags

Synonyms
Laminin 521

Product Information

Source
Mammalian cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW

Observed MW

Endotoxin
< 0.5 EU/μg of the protein by LAL method.

Formulation
Supplied as 0.2 μm filtered solution in PBS, pH7.4 with glycerol as protectant.

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
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.

Activity
Human Laminin 521 Protein, premium grade (Cat. No. RPT0020LQ) immobilized on CM5 Chip can bind Human ITGA6&ITGB1 Heterodimer Protein, His Tag&Tag Free with an affinity constant of 2.55 nM as determined in a SPR assay .

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -80℃

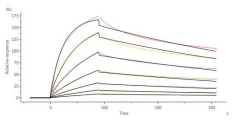
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Human Laminin 521 Protein, premium grade (Cat. No. RPT0020LQ) immobilized on CM5 Chip can bind Human ITGA6&ITGB1 Heterodimer Protein, His Tag&Tag Free with an affinity constant of 2.55 nM as determined in a SPR assay .

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.