Recombinant Human Laminin521 E8 (HEK293-expressed,His Tag)

Catalog Number: OM770221

Characteristics:

Source	HEK293
Description	HumanLaminin521E8(Ala2534-Ala3322&Leu1573-Gln1798&Asn1364-Pro1609) Accession #O15230&P55268&P11047
Predicted molecular mass	141.0 KDa

Specification:

Appearance	White powder,colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 cells. The ED_{50} for this effect is ≤10 ng/ml.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS,5% Mannitol,0.01% Tween 80,pH7.4
Size	10 μg/vial, 50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Coating concentration	Recommend 5μg/ml~10μg/ml for hiPSC culture
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**