

Recombinant Human Laminin521 E8

Cat. No.:MGC064 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	HEK293
Description	Human Laminin521 E8(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	\geq 95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g 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 \leq 10 ng/ml.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS,5% Mannitol,0.01% Tween 80,pH7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Coating concentration	Recommend 5 μ g/ml~10 μ g/ml for hiPSC culture
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20 $^{\circ}$ C to -80 $^{\circ}$ C in lyophilized state 6 months at -20 $^{\circ}$ C to -80 $^{\circ}$ C under sterile conditions after reconstitution 7-10 days at 2 $^{\circ}$ C to 8 $^{\circ}$ C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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