

产品名称: Recombinant Human Laminin511 E8 Protein  
产品货号: PHH2460

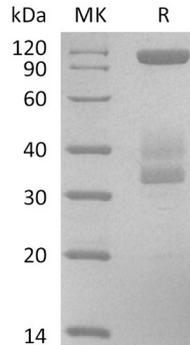


## 概述 (Summary)

英文全称	Laminin511 E8
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<0.01 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Laminin511 is produced by our Mammalian expression system and the target gene encoding Ala2534-Ala3323&Leu1561-Leu1786&Asn1364-Pro1609 is expressed with a His, Flag and HA tag at N terminus respectively.
Accession #	O15230&P07942&P11047
表达宿主 (Host)	Human cells
种属 (Species)	Human
预测分子量 (Predicted MW)	86.7&26.4&28.5 KDa
制剂 (Form)	Lyophilized from 0.2 μm filtered solution of PBS, pH7.4.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 电泳图 (SDS-PAGE image)

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## 背景 (Background)

### 分子别名 (Alternative Names)

Laminin 511; LN511

### 背景介绍 (References)

Laminins are large molecular weight glycoproteins constituted by the assembly of three disulfide-linked polypeptides, the  $\alpha$ ,  $\beta$  and  $\gamma$  chains. The human genome encodes 11 genetically distinct laminin chains. Structurally, laminin chains differ by the number, size and organization of a few constitutive domains, endowing the various members of the laminin family with common and unique important functions. In particular, laminins are indispensable building blocks for cellular networks physically bridging the intracellular and extracellular compartments and relaying signals critical for cellular behavior, and for extracellular polymers determining the architecture and the physiology of basement membranes. Laminins are glycoproteins with both common and specific functions. One common and most important function of laminins is to interact with receptors anchored in the plasma membrane of cells adjacent to basement membranes. In doing so laminins regulate multiple cellular activities and signaling pathways. There are more than 50 theoretically possible heterotrimeric associations between all the  $\alpha$ ,  $\beta$  and  $\gamma$  chains. laminins 511 and 521, are the most ubiquitous isoforms in the adult organism.

## 注意事项 (Note)

For research use only .

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