

## Corning® rLaminin-521 (Human)

PRODUCT: Corning rLaminin-521 (Human)  
CATALOG: 354221  
LOT NUMBER: 80191  
SOURCE: Recombinant protein expressed in a human cell line  
QUANTITY: 100 µg  
CONCENTRATION: 100 µg/ml  
FORMULATION: Frozen solution in Dulbecco's Phosphate-Buffered Saline (pH 7.2) with 10% glycerol, and 0.02% sodium azide.  
QUALITY CONTROL: rLaminin-521 (Human) is filtered through 0.2 micron sterile filter.

- **Authenticity:** Verified with Western Blot using specific antibodies against each subunit.
- **Purity:** ≥ 95% as determined by SDS-PAGE
- **Endotoxin Level:** ≤ 50 EU/ml
- **Mycoplasma:** Negative

STORAGE AND HANDLING: Store at -20°C. For short term use, rLaminin-521 can be stored at 2-8°C for 3-4 weeks. Make aliquots to avoid repeated freezing and thawing. Protein solution should be gently mixed before use.

EXPIRATION DATE: February 28, 2023, when stored at -20°C.

SAFETY RECOMMENDATION: Handle in accordance with good industrial hygiene and laboratory safety practices

REFERENCES:

1. Domogatskaya A., et al. Ann. Rev. Cell Dev. Biol. 28, 523 (2012)
2. Aumailley M., et al. Matrix Biol. 24, 326 (2005)
3. Rodin S., et al. Nature Comm. 5, 3195 (2014)

QUALITY ASSURANCE: *Y. Mei* DATE: February 27, 2020

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