

PRIME-XV Human Fibronectin

Catalog #	Product	Size
31002	PRIME-XV Human Fibronectin	1 mg liquid

Intended Use

For research or further manufacturing use only. Not for Injection or diagnostic procedures.

Product Description

PRIME-XV Human Fibronectin can be used as a coating cell culture substrate to support optimal attachment and growth of human primary cells, including stem/ progenitor cells. The recommended concentration for this application is typically 1-5 $\mu\text{g}/\text{cm}^2$. It can also be added in the media to support cell spreading at a concentration of 0.5-50 $\mu\text{g}/\text{mL}$. PRIME-XV Human Fibronectin is derived from human plasma. The human serum used for the purification of this product was certified by the supplier to be HIV and HBsAg negative at the time of shipment. Human blood products should always be treated in accordance with universal handling precautions. PRIME-XV Human Fibronectin is supplied as 0.2 μm filtered solution in Tris-HCl, NaCl and Urea.

Quality Assurance

All quality control test results are reported on a lot specific Certificate of Analysis which is available at www.irvinesci.com or upon request.

Shipping

This product is shipped with dry ice. Upon receipt, store it immediately with or without reconstitution at the temperature recommended below.

Storage Instructions and Stability

Upon receipt, store this product at or below -20°C in a manual defrost freezer. Unopened item is stable for 6 months from date of receipt when stored at or below -20°C in a manual defrost freezer. PRIME-XV Human Fibronectin can also be stored for up to 6 months at 2 to 8°C under sterile condition. Avoid vortexing and excessive agitation. This reagent should not be used beyond the expiration date. Repeated freeze-thaw cycles should be avoided. Results may vary due to variations among human stem/ progenitor cells.

Precautions and Warnings

The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

Directions for Use

PRIME-XV Human Fibronectin, (Irvine Scientific, Catalog # 31002) amount of matrix protein is dependent on the experimental design of each individual investigator. The recommended concentration as cell culture substrate is typically 1-5 $\mu\text{g}/\text{cm}^2$. It can also be added in the media to support cell spreading at a concentration of 0.5-50 $\mu\text{g}/\text{mL}$.

Related Products

Catalog #	Product	Size
91135	PRIME-XV MSC Expansion SFM	250 mL and 1L
91149	PRIME-XV MSC Expansion XSFM	250 mL and 1L
31001	PRIME-XV MatrIS F	200 µg

Technical support

CONTACT US

For more information or assistance contact Customer Service at:

- Email: tmrequest@irvinesci.com
- Direct line: +1 800 577 6097

WEBSITE RESOURCES

Visit the website at www.irvinesci.com for technical resources and information including:

- Safety Data Sheets (SDS)
- Certificate of Analysis (CoA) (when available)
- FAQs
- Product literature
- Complete list of offices and contact information by country

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