

Attachment Substrates

Attachment matrices for optimal growth of primary cells in serum-free conditions

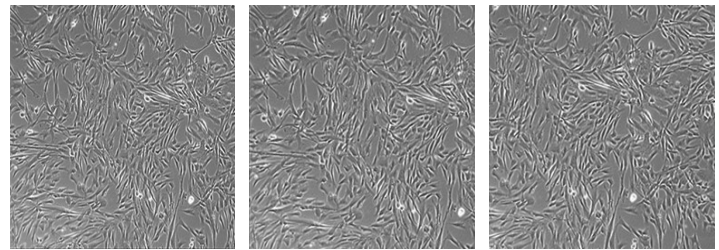
PRIME-XV Attachment Substrates and Cellnest support cell adhesion and spreading for the culture of human stem and primary cells under serum-free conditions.



CELLNEST

Recombinant Peptide

- Chemically-defined and animal component-free
- Validated for use with human derived MSCs
- Very reproducible and consistent quality
- Enriched with RGD-motifs to enhance cell binding



No Coating

Fibronectin (5 µg/mL)

Cellnest (20 µg/cm²)

Figure 1. Morphology of human umbilical cord-derived MSCs cultured in PRIME-XV MSC Expansion XSFM on tissue culture plastic with no coating, PRIME-XV Human Fibronectin coating, or Cellnest coating. Morphology was observed after the third passage. Images were taken at 10X magnification. MSC morphology on Cellnest-coated plates is comparable to those attached to fibronectin.

PRIME-XV FIBRONECTIN

Human Plasma-derived Fibronectin, Carrier-Free

- Validated for use in a variety of primary cell attachment and spreading applications
- Carrier-free formula
- Processed under cGMP conditions

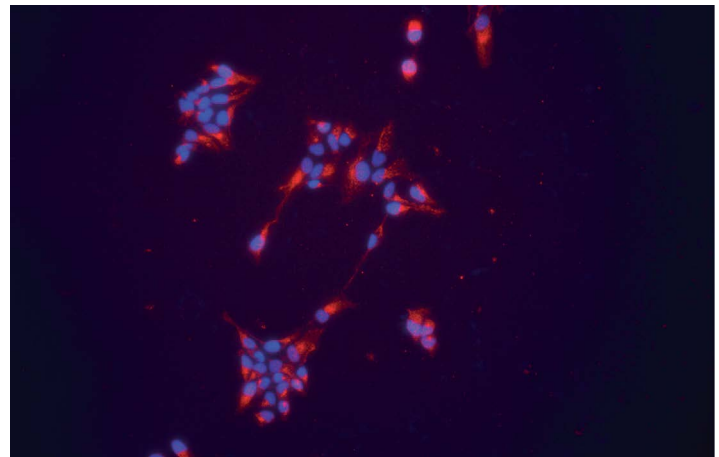


Figure 2. Supports a variety of cell types. Human neural progenitor cells plated on PRIME-XV Human Fibronectin substrate retained NESTIN expression (red). Nuclei were counterstained with DAPI (blue).

Ordering Information

Item	Catalog #	Size*	Additional Information
Cellnest	1063967	25 mg	Attachment substrate. Recombinant peptide based human collagen I. Lyophilized.
PRIME-XV Human Fibronectin	31002	1 mg	Attachment substrate. Human plasma-derived. Carrier-free.

Related Products

Item	Catalog #	Size*	Additional Information
PRIME-XV MSC Expansion XSFM	91149	250 mL 1 L	Xeno-free medium for MSC culture
PRIME-XV MSC Expansion SFM	91135	250 mL 1 L	Serum-free medium for MSC culture
PRIME-XV Stem FreezIS DMSO-Free	91140	10 mL 100 mL	Protein-free, chemically-defined, animal component-free cryopreservation medium. Does not contain DMSO.
PRIME-XV FreezIS	91139	10 mL 100 mL	Chemically-defined, free from animal components and proteins. Contains 10% DMSO.
PRIME-XV Osteogenic Differentiation SFM	91132	100 mL	Serum-free osteogenic differentiation medium
PRIME-XV Chondrogenic Differentiation XSFM	91138	100 mL	Xeno-free, serum-free chondrogenic differentiation medium
PRIME-XV Adipogenic Differentiation SFM	91137	100 mL	Serum-free adipogenic differentiation medium

*Custom sizes and packaging available on request.

