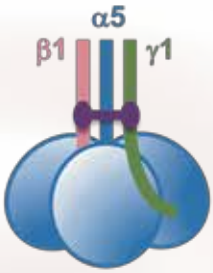
nippi MATRIXOME

iMatrix-511 silk

NEW iMatrix-511 silk brings you a revolution in cell culturing
Superior culture substrate with no coating necessary!

iMatrix-511 silk is a human recombinant laminin511-E8 fragment manufactured from transgenic silkworm cocoons.
iMatrix-511 silk retains full integrin binding activity of laminin-511.



Laminin511-E8 fragment

Advantages

1. **No pre-coating necessary**
2. **No incubation necessary**
3. **100% coating efficiency**
4. **Quick, hassle-free**
5. **Save time!!!**
6. **Save money!!!**

CELL PASSAGING METHODS (Either method can be used)

ECM Pre-mix method
(WITHOUT PRE-COATING)

STEP 1
- Add and mix iMatrix-oll silk solution to the cellsuspension at passaging. (* Recommended concentration: 0.25μg/cm²)

STEP 2
- Plate the mixture of cell and iMatrix-511 silk solution at 1.0 to 2.0 × 10⁴ cells/cm².

2 STEPS!

ECM Pre-coated method

STEP 1
- Dilute the iMatrix-511 silk solution with sterile PBS(-).

STEP 2
- Coat dishes with 0.5μg/cm².
  (* Optimum coating concentration depends on each cell line, from 0.1 to 1.5μg/cm²)

STEP 3
- Incubate for one of the following.
- 1 h at 37 ° C, 3 h at room temperature, or over night at 4 ° C.

STEP 4
- Remove remaining fluid from the coated surface, and plate the cells at 1.0 to 2.0 × 10⁴ cells/cm².

References

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	Product No.	Contents
iMatrix-511 silk	**892 021**	**1,050μg : 175μg×6pcs.**

ECM Pre-coated method: 35 6-well plates with 1 mg iMatrix-511silk
ECM Pre-mix method: 70 6-well plates with 1 mg iMatrix-511silk

Designed by

Matrixome, Inc.
3-2 Yamadaoka, Suita-shi, Osaka 565-0871, JAPAN
Institute for Protein Research, Osaka University
PHONE: +81-6-6877-0222 FAX:+81-6-6877-0002
E-mail: info@matrixome.co.jp
http://www.matrixome.co.jp/en/

Manufactured by

Nippi, Inc.
http://www.nippi-inc.co.jp/

IBL Co., Ltd.
http://www.ibl-japan.co.jp/en/