

FUJIFILM

Wako

Code No. 062-07141 (1 mg)

Fibronectin, Human, recombinant, Cellular
フィブロネクチン, ヒト, 組換え体, 細胞性
(Fibronectin)

Source : The transgenic silkworms expressed human fibronectin (cellular). Extracted from cocoons of transgenic silkworms.

Formulation : Lyophilized from 2 mL of 10 mmol/L Tris-HCl, pH 8.0 and 2% sucrose.

Purification : Purified by two types of multimodal chromatography (not by gelatin affinity chromatography).

Reconstitution : Add 2 mL of sterile purified water to the vial and allow to stand at room temperature for 30 minutes.

The reconstituted fibronectin concentration will be 0.5 mg/mL. After reconstitution, white coagulates may sometimes be observed in the solution, but these do not affect the protein concentration.

Usage (Example) : Use these recommendations as guidelines to determine the optimal coating conditions for your culture systems.

Dilute the reconstituted solution with PBS(-) or similar buffer to coat the dish, the typical coating concentration is 1-5 $\mu\text{g}/\text{cm}^2$. For example, to coat a 6-well plate (9.6 cm^2/well) to a concentration of 2.5 $\mu\text{g}/\text{cm}^2$ (24 $\mu\text{g}/\text{well}$), add 2 mL of fibronectin solution diluted to 12 $\mu\text{g}/\text{mL}$. Incubate at 37°C for 1 hour, then remove the solution, wash once with PBS(-) and seed cells.

[Expiration date]

Indicated on the label.

[Storage]

Store at 2 - 10°C

[Precautions after reconstitution]

When stored at -20°C, store in small portions; this product is stable for at least 6 months.

[Package]

1 mg

[Caution]

Avoid repeated freeze-thaw cycle.

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