



**Nippi, Incorporated**  
**Biological and Chemical Products Division**

1-1-1 Senju Midori cho, Adachi, Tokyo 120-8601

Tel. +81-3-3888-5184

E-mail: protein-info@nippi-inc.co.jp

CERTIFICATE of ANALYSIS

Product Name                    iMatrix-332

Lot No.                            C25C011

Product No.                    892 031  
   892 032

|                     |  |
|---------------------|--|
| Contents            | 892 031 : 350 $\mu$ L $\times$ 2 pcs<br>892 032 : 350 $\mu$ L $\times$ 6 pcs |
| Solvent             | 20 mM phosphate buffer,<br>500 mM NaCl                                       |
| Date of Manufacture | 27 Mar. 2025   |
| Expiration Date     | 26 Mar. 2027   |
| Manufacturer        | Nippi, Incorporated<br>Biological and Chemical Products Division             |
| Issue Date          | 02 Jun. 2026   |

| Test Item                        | Specification           | Result         |
|----------------------------------|-------------------------|----------------|
| Bacterial Endotoxins Test        | $\leq$ 5 EU/mg          | < 1.8 EU/mg    |
| Sterility Test                   | Negative                | Negative       |
| Mycoplasma Test (PCR)            | Negative                | Negative       |
| Purity (SDS-PAGE)                | $\geq$ 90%              | 98.1 %         |
| Integrin Binding Assay ( $K_d$ ) | $\leq$ 5 nM             | 3.0 nM         |
| Concentration                    | 500 $\pm$ 50 $\mu$ g/mL | 496 $\mu$ g/mL |

Akira Nomura, Division Manager