Data sheet: Laminin-5

Cat#: RCHEOT004, Lot: 20131025

MFG date 25, Oct, 2013
Expiry date Jan, 2015 *Guaranteed when stored at -80 deg.C. (Date by use)

Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Transparent liquid</td>
</tr>
<tr>
<td>Concentration</td>
<td>18 μg/mL</td>
</tr>
<tr>
<td>Purity (SDS-PAGE)</td>
<td>&gt;95%</td>
</tr>
</tbody>
</table>

Culture test performed using human iPS cells

Methods

Human iPS cells (201B7; Takahashi, K. et al., Cell, 131, 861-72, 2007) were cultured in the ReproFF2 on Laminin-5-coated dish for more than 7 days. Subsequently, the cell morphology was observed and compared with those of the control. Alkaline phosphatase activity was ascertained using the ALP substrate kit III (vector).

Results

Alkaline phosphatase activity: Qualified

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