Data sheet: bFGF

Cat#: RCHEOT002, 003  Lot: 20140228

MFG date: 28, Feb, 2014
Expire date: Feb, 2017
Source: Escherichia coli

*Guaranteed when stored at -80 deg.C. (Date by use)

Properties and biological tests

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Mycoplasma</td>
<td>Negative</td>
</tr>
<tr>
<td>Endotoxin</td>
<td>&lt;0.1 EU/mL</td>
</tr>
</tbody>
</table>

(1) Tested by PCR for the detection of mycoplasma.

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 Primate ES Cell Medium containing 5 ng/mL of bFGF 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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