# Product Information

<table>
<thead>
<tr>
<th>PRODUCT NAME:</th>
<th>Skeletal Muscle Cells (Uncultured)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT NUMBER:</td>
<td>PM001-F</td>
</tr>
<tr>
<td>DISEASE STATE:</td>
<td>Normal</td>
</tr>
<tr>
<td>QUANTITY:</td>
<td>$5.0 \times 10^5$ cells</td>
</tr>
<tr>
<td>STORAGE CONDITION:</td>
<td>-196°C</td>
</tr>
<tr>
<td>STORAGE SOLUTION:</td>
<td>10% DMSO</td>
</tr>
</tbody>
</table>

**PRODUCT DESCRIPTION:**

Human skeletal muscle cells are derived from whole muscle that has been dissociated into single cells and frozen. Human skeletal muscle cells are from a single donor. These cells enable researchers to produce various cell types found in skeletal muscle with standard published protocols. Human skeletal muscle cells may be used for various types of *in vitro*, *in vivo*, or regenerative medicine studies in normal or diseased systems. In addition, they may be used in muscle development studies.

**HANDLING INSTRUCTIONS:**

Frozen cells are shipped on dry ice. Upon arrival, place into -196°C (LN2) for long term storage or subculture (www.dvbiologics.com) immediately.

**REFERENCES:**


**QUALITY CONTROL:**

All cell processing is validated under strict protocols with IRB approval (see ethics statement www.dvbiologics.com). All cells are guaranteed to meet or exceed customer’s expectations when handled according to instructions.

**TEST CONDITIONS:**

A sample is inoculated in growth medium and incubated for 14 days to test for sterility. Frozen cells are thawed, enumerated, and cultured, as applicable, according to DV Biologics protocols, and assayed for the presence of mycoplasma, as applicable, or HBV, HCV, HIV-1, and HIV-2 by serology or by RT-PCR. A lot of cells is released when no microbial growth is detected; when the number of viable cells and the percent viability meet or exceed DV Biologics requirements; and when the assays are negative.

**OTHER INFORMATION:**

Human origin, single donor

**DEVELOPMENT PERIOD:**

Prenatal

**PRECAUTIONS AND DISCLAIMERS:**

Warranty

DV Biologics is committed to providing only superior quality research products. DV Biologics products are specifically intended for research purposes only, and are guaranteed to perform according to documented product specifications. Full warranty information for the products may be requested from our technical support or sales team at the number provided above.

**Product Use/Safety Statement**

**PRODUCT IS FOR RESEARCH USE ONLY.** Not approved for human or veterinary use, *in-vitro* diagnostics, or clinical procedures.

**WARNING: THE ACCOMPANYING PRODUCT CONTAINS HUMAN SOURCE MATERIAL, TREAT AS POTENTIALLY INFECTIOUS.** All donors are tested for the presence of HIV-1, HIV-2, Hepatitis B and Hepatitis C Virus.

**Material Safety and Data Sheet (MSDS)**

Available upon request.