Recombinant Human Soluble CD4 (liquid)

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>PHS0044</th>
<th>PHS0033</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity:</td>
<td>10 μg</td>
<td>1 mg</td>
</tr>
<tr>
<td>Lot Number:</td>
<td>See product label.</td>
<td></td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>sCD4 Human Recombinant produced in Baculovirus is a single, glycosylated polypeptide chain containing 365 amino acids and having a non glycosilated molecular mass of 45 kDa. As a result of glycosilation the sCD4 migrates as a 46 kDa protein on standard SDS-PAGE. Detected By Western Immunno Blots anti CD4 monoclonal antibody.</td>
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<tr>
<td>Purity:</td>
<td>Greater than 90% by SDS-PAGE gel and HPLC analyses.</td>
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<tr>
<td>Amino Acid Sequence:</td>
<td>KKVVLGKKGDKVELTCTASQKKSIQFHWNKNSNQIKILGQNCGSLTKGPSKLNDRADRRSLVDQCNPLI KINLKI5EDSITYICEVEDQKEEVELLVLFLCTANSĐTHLLOGQSLTLTLESPPSSPSVQCRSPRPGKNIQG GKTLSSQLEGQDGTMCTVLQNNQKKEKVFKIDIVVLALQKASSIVYKKEQEVEFSPFLAFTVEKLITG GEIWWQAERA SSSKSWIFDLKNNKESVVKRVTTQPKLQMQMGKÌKLPLHLTLTPQALPQYAGSNLTLALEAKTK GKLH2QVENLVVMRATQILQKNTCDEVWGETSKPLMLSLKLEKNEAKVSKREKAVVVLNPEAGMWQCLLSĐSGQVLLESNIKLVLP TW</td>
<td></td>
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<tr>
<td>Biological Activity:</td>
<td>Immune reactive in ELISA using monoclonal anti CD4 in gpl2O capture ELISA assays.</td>
<td></td>
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<tr>
<td>Formulation:</td>
<td>The solution (0.25 mg/mL) contains 10 mM sodium phosphate buffer, pH 7.0, 300 mM NaCl and 0.01% tween-80. This is a sterile filtered colorless solution.</td>
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<tr>
<td>Endotoxin:</td>
<td>&lt;0.1 ng/μg (1EU/μg). This product has been sterile filtered.</td>
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<tr>
<td>Production:</td>
<td>Produced in baculovirus.</td>
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<tr>
<td>Reconstitution Recommendation:</td>
<td>This product is supplied as a liquid (0.25 mg/mL) and does not need to be reconstituted.</td>
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<tr>
<td>Suggested Working Dilutions:</td>
<td>The optimal concentration should be determined for each specific application.</td>
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<tr>
<td>Storage:</td>
<td>sCD4 human recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).</td>
<td></td>
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<tr>
<td>Expiration Date:</td>
<td>See product label.</td>
<td></td>
</tr>
</tbody>
</table>
Explanation of Symbols

The symbols present on the product label are explained below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF</td>
<td>Catalog Number</td>
<td>LOT</td>
<td>Batch code</td>
</tr>
<tr>
<td>RUO</td>
<td>Research Use Only</td>
<td>IVD</td>
<td>In vitro diagnostic medical device</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Temperature limitation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EC REP</td>
<td>European Community authorized representative</td>
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<td></td>
<td></td>
<td>[-]</td>
<td>Without, does not contain</td>
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<td></td>
<td></td>
<td>[+ ]</td>
<td>With, contains</td>
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<tr>
<td></td>
<td></td>
<td>📗</td>
<td>Protect from light</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Consult accompanying documents</td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
<td>📖</td>
<td>Directs the user to consult instructions for use (IFU), accompanying the product.</td>
</tr>
</tbody>
</table>

Limited Use Label License: Research Use Only

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product only to perform internal research for the sole benefit of the purchaser. No right to resell this product or any of its components is conveyed expressly, by implication, or by estoppel. This product is for internal research purposes only and is not for use in commercial applications of any kind, including, without limitation, quality control and commercial services such as reporting the results of purchaser’s activities for a fee or other form of consideration. For information on obtaining additional rights, please contact outlicensing@lifetech.com or Out Licensing, Life Technologies, 5791 Van Allen Way, Carlsbad, California 92008.

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