Casein Kinase II (CK2) Component List

<table>
<thead>
<tr>
<th>NEB Part Number</th>
<th>Component Description</th>
<th>Lot Number</th>
<th>Individual QC Result</th>
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</thead>
<tbody>
<tr>
<td>P6010SVIAL</td>
<td>Casein Kinase II (CK2)</td>
<td>10009614</td>
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<td>B6022SVIAL</td>
<td>NEBuffer™ for Protein Kinases (PK)</td>
<td>0081709</td>
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</table>

Assay Name/Specification

Protease Activity (SDS-PAGE)
A 20 µl reaction in 1X NEBuffer for Protein Kinases containing 24 µg of a standard mixture of proteins and a minimum of 5,000 units of Casein Kinase II (CK2) incubated for 2 hours at 30°C, results in no detectable degradation of the protein mixture as determined by SDS-PAGE with Coomassie Blue detection.

Phosphatase Activity (pNPP)
A 220 µl reaction in NEBuffer for Protein Kinases containing 50 mM p-Nitrophenyl Phosphate (pNPP) and a minimum of 5,000 units Casein Kinase II (CK2) incubated for 2 hours at 30°C yields no detectable phosphatase activity as determined by spectrophotometric analysis.

This product has been tested and shown to be in compliance with all specifications.
Alicia Bielik  
Production Scientist  
01 Jun 2018

Michael Tonello  
Packaging Quality Control Inspector  
06 Jun 2018