Procalcitonin

Human, Recombinant, mammalian cell

<table>
<thead>
<tr>
<th>Cat. No.:</th>
<th>RCP9533</th>
<th>RCP9534</th>
<th>RCP9535</th>
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<tbody>
<tr>
<td>Size:</td>
<td>10µg</td>
<td>100µg</td>
<td>1000µg</td>
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</tbody>
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Synonym: PCT; CALC1, Calcitonin precursor; Calcitonin preproprotein.

Description: Procalcitonin is a peptide hormone mainly produced by the C cells of the thyroid and certain endocrine cells of the lung. Under normal expression conditions, procalcitonin is immediately cleaved into three specific fragments, an N terminal residue, calcitonin and katacalcin. Levels of unprocessed procalcitonin rise significantly after bacterial infection, trauma or shock.

*RANDOX* recombinant procalcitonin comprises a 114 amino acid fragment (3-116) corresponding to the unprocessed procalcitonin protein and is expressed in human cells with a carboxy-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid

Purity: >95% by SDS-PAGE