Procalcitonin

Human, Recombinant, *E. coli*

<table>
<thead>
<tr>
<th>Cat. No.:</th>
<th>RCP9064</th>
<th>RCP9065</th>
<th>RCP9154</th>
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<tbody>
<tr>
<td>Size:</td>
<td>10μg</td>
<td>100μg</td>
<td>1000μg</td>
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</table>

**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 *E. coli* with an amino-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