

**Procalcitonin**

**Human, Recombinant, *E. coli***

<b>Cat. No.:</b>	RCP9064	<b>Size:</b>	10µg
	RCP9065		100µg
	RCP9154		1000µg

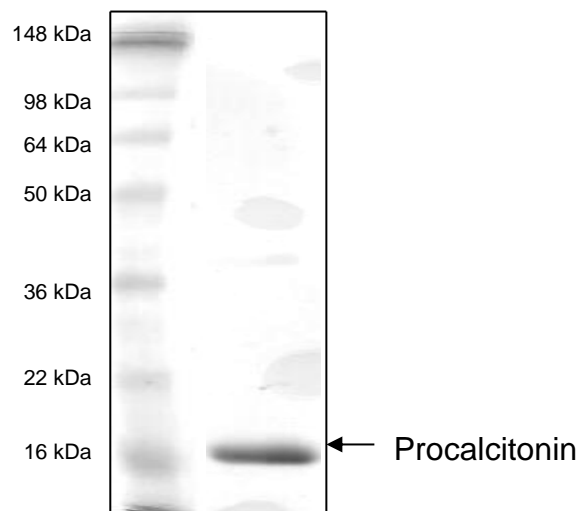
**Synonym:** PCT; CALC1, Calcitonin precursor; Calcitonin preproprotein.

**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



**Reference(s):** Maruna, P *et al.*, (2000) *Physiol. Res.* **49 (1)**: S57-61.