



Procalcitonin

Human, Recombinant, *E. coli*

Cat. No.:	RCP9064	Size: 10µg	
	RCP9065		100µg
	RCP9154		1000µg

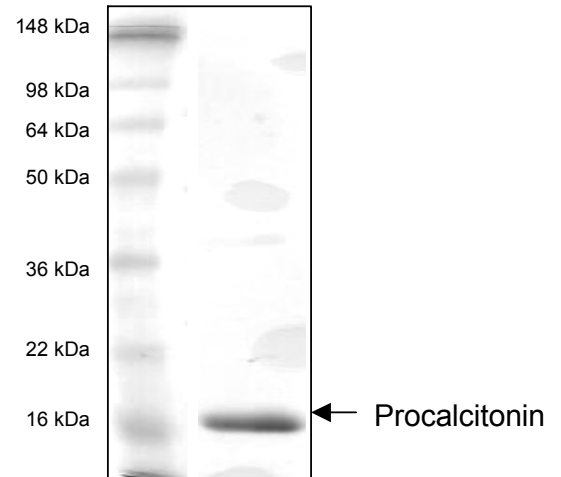
Synonym: PCT; CALC1, Calcitonin precursor; Calcitonin preproprotein.

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 katalcalcin. 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.