

Procalcitonin

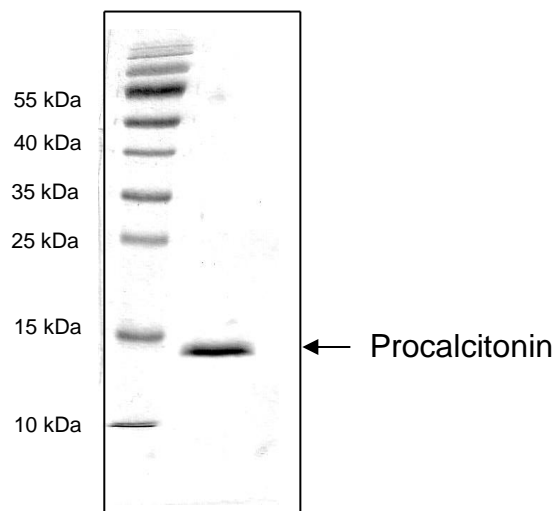
Human, Recombinant, mammalian cell

Cat. No.:	RCP9533	Size:	10µg
	RCP9534		100µg
	RCP9535		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 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

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