

Product Datasheet

Name: Recombinant human Procalcitonin (PCT)

Description: Recombinant human Procalcitonin is produced by E.coli expression system and the target gene is expressed.

Catalog No.	Unit	Usage	Buffer
bs-41144P	mg	Antigen	10mM Tris-HCl(pH8.0)

Host: E.coli

Range: Human Calcitonin protein (26-141aa)

MW: 13kD

Format: Liquid

Concentration: ≥0.5mg/ml

Buffer: 10mM Tris-HCl(pH8.0), 300mM imidazole, 500mM NaCl and 10% Glycerol

Purification: ≥90% (SDS-PAGE)

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It arises once preprocalcitonin is cleaved by endopeptidase. It is composed of 116 amino acids and is produced by parafollicular cells (C cells) of the thyroid and by the neuroendocrine cells of the lung and the intestine.

Note: This product as supplied is intended for research or further manufacturing use only.