

Recombinant Human PCT Protein

Cat. No. res2-1053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human procalcitonin (PCT) protein with a C-terminal histidine tag. Predicted molecular weight: 14 kDa.
Species	Human
Source	E.coli
Form	Procalcitonin (PCT) is a precursor protein of the hormone calcitonin, produced by the thyroid gland. It is a 116 amino acid protein that is cleaved intracellularly to form three peptides: N-terminal procalcitonin, calcitonin, and katacalcin. In healthy individuals, only the calcitonin polypeptide is secreted into the bloodstream, and PCT serum levels are very low. However, in patients with systemic infections, and especially sepsis, serum PCT levels rise rapidly.
Molecular Mass	14 kDa
Purity	N/A
Storage	2-8 centigrade
Concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Storage Buffer	50 mM Tris-HCl, pH 7.5; 150 mM NaCl; containing 6 % sucrose as stabilizer

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Official Symbol

res2

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA