



Recombinant Human Procalcitonin (PCT) (DAG-WT1852)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, CLIA, LFIA,
Molecular Weight	17 kDa
Format	Liquid or Lyophilized powder
Size	100 µg, 500 µg
Buffer	10 mM Tris-HCl, pH=8.0, with 300 mM imidazole, 500 mM NaCl and 10% Glycerol
Preservative	None
Storage	Store at -20°C to -80°C. Avoid repeated freeze/thaw cycles

BACKGROUND

Introduction	Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It was first identified by Leonard J. Deftos and Bernard A. Roos in the 1970s. 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.
Keywords	Procalcitonin; PCT; Calcitonin