
Product Data Sheet

Product Name: Procalcitonin Human, His
Cat. No.: GP21288
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Procalcitonin; PCT.		
Formulation	PCTis supplied in 20mM Tris-HCl pH 8.0 and 50% glycerol.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please prevent freeze-thaw cycles.

Background

Procalcitonin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 114 amino acids fragment (3-116) having a molecular mass of 17.13 kDa and an amino-terminal hexahistidine tag. The PCT is purified by standard chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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