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32-2064: Procalcitonin His Recombinant Protein

Alternative Name: Procalcitonin, PCT.

Description

Source: Escherichia Coli. 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. 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.

Product Info

Amount: $10 \mu g$

Purification: Greater than 95.0% as determined by SDS-PAGE.

Content: PCT is supplied in 20mM Tris-HCl pH 8.0 and 50% glycerol.

Storage condition:

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.

