

# Rat Procalcitonin Recombinant Protein



RPPB5752

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## Product Information    Protein Information

**Product SKU:**

RPPB5752

**Accession:**

P01257

**Host:**

Escherichia Coli.

**Protein description:**

Procalcitonin Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Val26-Asn136) containing 121 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 13.6kDa.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Calcitonin, Calca, Calc.

**Formulation:**

Procalcitonin was filtered (0.4µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 8.0.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Procalcitonin is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHASVPLRSTLESS PGMATLSEEE ARLLAALVQN YMQMKVRELE QEEEQEAEGS SLDSPRSKRC  
GNLSTCMLGT YTQDLNKFHT FPQTSIGVGA PGKKRDMAKD LETNHHHPYFG N.