

Human Procalcitonin Recombinant Protein



RPPB1288

Product Information Protein Information

Product SKU:

RPPB1288

Host:

Escherichia Coli.

Protein description:

Procalcitonin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 116 amino acids and having a molecular mass of 12.8 kDa. The Procalcitonin is purified by standard chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Procalcitonin, PCT.

Formulation:

Lyophilized from 10mM sodium phosphate pH-7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized procalcitonin sterile 18MΩ-cm H₂O at 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized procalcitonin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution procalcitonin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

APFRSALESS PADPATLSED EARLLLAALV QDYVQMKASE LEQEQEREGS SLDSPRSKRC GNLSTCMLGT
YTQDFNKFHT FPQTAIGVGA PGKKRDMSSD LERDHRPHVS MPQAN.