

Canine Procalcitonin Recombinant Protein



RPPB5749

Product Information Protein Information

Product SKU:

RPPB5749

Accession:

P41547

Host:

Escherichia Coli.

Protein description:

Procalcitonin Canine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Ala26-Arg130) containing 115 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 12.7kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Calcitonin, Calca, Calc, CCALCI.

Formulation:

Procalcitonin was filtered (0.4 µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 7.2.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl 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:

MKHHHHHHASAPFRSALEGL PDPTALSEKE GRLLAALVK AYVQRKNELE QEQQETEGS SLDSSRAKRC
SNLSTCVLGT YSKDLNNFHT FSGIGFGAET PGKKRDIASG LERGR.