

Procalcitonin Canine Recombinant

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| Item Number | rAP-2584 |
| Synonyms | Calcitonin, Calca, Calc, CCALCI. |
| 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. |
| Uniprot Accession Number | P41547 |
| Amino Acid Sequence | MKHHHHHHASAPFRSALEGL PDPTALSEKE GRLLLAALVK AYWQRKNELE QEQQETEGS SLDSSRAKRC SNLSTCVLGT YSKDLNNFHT FSGIGFGAET PGKKRDIASG LERGR. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Filtered White lyophilized (freeze-dried) powder. 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. |
| Formulation and Purity | Procalcitonin was filtered (0.4 µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 7.2. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| 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 use. |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**