

Procalcitonin Mouse Recombinant

Item Number	rAP-2583
Synonyms	Calcitonin, Calca, Calc.
Description	Procalcitonin Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Val26-Ser136) containing 121 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 13.6kDa.
Uniprot Accession Number	P70160
Amino Acid Sequence	MKHHHHHHASVPLRSILESS PGMATLSEEE VRLLAALVQD YMQMKAERELE QEEEQEAEGS SLD-SPRSKRC GNLSTCMLGT YTQDLNKFHT FPQTSIGVEA PGKKRDVAKD LETNHQSHFG N.
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 buffer and 50mM NaCl, pH 7.5. Greater than 94.0% 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**