

Procalcitonin Porcine Recombinant

Item Number	rAP-2586
Synonyms	Calcitonin, Preprocalcitonin, Calca.
Description	Procalcitonin Porcine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Thr26-Asn141) containing 126 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 14.1kDa.
Uniprot Accesion Number	A6P7L6
Amino Acid Sequence	MKHHHHHHASTPLRSALETLPDPGPLSEKEGRLLLAALVKAYVQRKTNEL EQEQEQETEG SSLDSSRAKRCSNLSTCVLSAYWRNLNNFH RFSGMGFGPE TPGKKS DIAS SLERDLFPRG MPQDAN.
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 (0.4µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 8.0. Greater than 95.0% as determined by SDS-PAGE.
Application	
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 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**