9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6626: Procalcitonin Porcine

Alternative Name : Calcitonin, Preprocalcitonin, Calca.

Description

Source: Escherichia Coli.
Filtered White lyophilized (freeze-dried) powder.
Procalcitonin is a peptide hormone mainly produced by the C cells of the thyroid and certain endocrine cells of the lung. Under normal expression conditions, procalcitonin is immediately cleaved into three specific fragments, an N terminal residue, calcitonin and katacalcin. Levels of unprocessed procalcitonin rise significantly after bacterial infection, trauma or shock.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	Procalcitonin was filtered (0.4µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 8.0. 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 using it in the cell culture.
Storage condition :	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 :	MKHHHHHHASTPLRSALETL PDPGPLSEKE GRLLLAALVK AYVQRKTNEL EQEQEQETEG SSLDSSRAKR CSNLSTCVLS AYWRNLNNFH RFSGMGFGPE TPGKKSDIAS SLERDLFPRG MPQDAN.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.