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Procalcitonin, human recombinant protein

Procalcitonin, calcitonin, CALCA; CALC1; CGRP; CGRP-I; CGRP1; CT; KC; MGC126648

Catalog # PBV10042r

Specification

Procalcitonin, human recombinant protein - Product info

Primary Accession	P01258
Calculated MW	**13. 2 kDa KDa**

Procalcitonin, human recombinant protein - Additional Info

Gene ID	**796**

Other Names
Procalcitonin, calcitonin, CALCA; CALC1; CGRP; CGRP-I; CGRP1; CT; KC; MGC126648

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥97%**
Assay2&Purity2	**HPLC; ≥97%**
Recombinant	**Yes**

Target/Specificity
Procalcitonin

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile H_2O to a concentration of 0.1 mg/ml.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from a 10 mM sodium phosphate buffer, pH 7.5.

Procalcitonin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Procalcitonin, human recombinant protein - Images

Procalcitonin, human recombinant protein - Background

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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. Recombinant Human Procalcitonin produced in E.coli is a single, non-glycosylated, polypeptide chain containing 116 amino acids with a molecular weight of 12,796 Daltons.

Procalcitonin, human recombinant protein - References

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