

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**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 NotesCentrifuge the vial prior to opening. Reconstitute in sterile H₂O 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 Cytometry](#)
- [Cell Culture](#)

Procalcitonin, human recombinant protein - Images**Procalcitonin, human recombinant protein - Background**

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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