

Product description



Product name Procalcitonin

Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, it consists of 116 amino acids.



Catalog number PC675620

Uniprot ID P01258

Synonyms: Calcitonin, Katalcin

Protein sequence

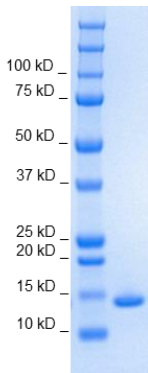
APFRSALESSPADPATLSEDEARLLLLAALVQDYVQMKASELEQEEREGSSLDSPRSKRCGNLSTCMLGTYTQDFNKHFTFPQTAIGVGGAPGK
KRDMSSDLERDHRPHVSMQPQAN

Product features and protocols



Purity

>95%
as determined by SDS-PAGE



SDS-PAGE gel analysis of PCT protein in Reducing/Heated conditions (RH) Stained with Coomassie blue.

Other features

Predicted MW	12.8 kDa
Expression System	<i>E. coli</i>
Purification Tag	No tag
Protein content	Determined by BCA assay with BSA as standard
Formulation	Lyophilized from 20 mM Tris pH 7.6; 0.1 M NaCl buffer

Product preparation

For product preparation we recommend the following steps:

1. Briefly centrifuge the tube before opening
2. Reconstitute by adding the appropriate volume of ultrapure water for a final concentration of 200 µg/ml (e.g. 50 µl for 10 µg or 250 µl for 50 µg conditioning)
3. Vortex gently to insure complete dissolution
4. Wait 15 minutes at room temperature before proceeding further
5. Vortex gently again and centrifuge **briefly**

Product storage

The product is lyophilized and shipped at room temperature. **Store at -80 °C upon receipt.**

After reconstitution, the protein can be preserved at 4°C for a few weeks.

Avoid multiple freeze-thaw cycles



The product is intended for research use only. Not for diagnostic or therapeutic use.