

## PRODUCT DATA SHEET

### Procalcitonin Porcine E. coli

**Cat. No.:** RD572451100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Porcine

**Other Names:**

PCT

**Description:**

Total 126 AA. MW: 14.1 kDa (calculated). Acc.no. NP\_001098425 (Thr26-Asn141). N-terminal his-tag (10 extra AA). Protein identity confirmed by MS.

**Amino Acid Sequence:**

MKHHHHHHAS TPLRSALET L PDPGPLSEKE GRLLLLAALVK AYVQRKTNEL EQEQEQETEG  
SSLDSSRAKR CSNLSTCVLS AYWRNLNMFH RFSGMGFGPE TPGKKS DIAS  
SLERDLFPRG MPQDAN

**Purity:**

> 90 % by SDS-PAGE

**Endotoxin:**

< 1.0 EU/μg

**Formulation:**

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in 20 mM Tris buffer, 50 mM NaCl, pH 8.0.

**Reconstitution:**

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.