

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 TPLRSALETL PDPGPLSEKE GRLLLAALVK AYVQRKTNEL EQEQEQETEG
SSLDSSRAKR CSNLSTCVLS AYWRNLNNFH 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.