

# Human PROC1 / Protein C / PROC Protein (His Tag)

Catalog Number: 10196-H08H



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## General Information

### Gene Name Synonym:

APC; PC; PROC; PROC1; THPH3; THPH4

### Protein Construction:

A DNA sequence encoding the human PROC (P04070) (Met1-Pro461) was expressed with a C-terminal polyhistidine tag.

**Source:** Human

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** (79+20.5) % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Thr 19

### Molecular Mass:

The recombinant human PROC comprises 454 amino acids and has a predicted molecular mass of 51.5 kDa. The apparent molecular mass of the protein is approximately 56-64 and 45 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

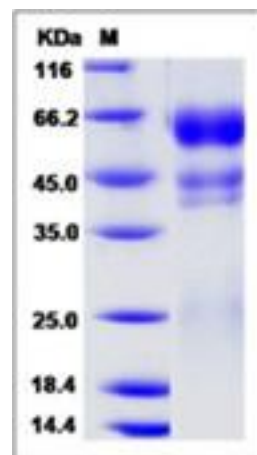
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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