

## PCT Recombination Protein

### Basic information:

<b>Catalog No.:</b>	UDP9025-1	<b>Source:</b>	Human
<b>Expression Host:</b>	<i>Escherichia coli</i>	<b>Type:</b>	Recombinant protein
<b>Purity:</b>	>90 % as determined by SDS-PAGE		

### Useful Information:

#### Construction:

A DNA sequence encoding the PCT Protein was expressed with His-tag in C terminus.

#### Molecular Mass:

PCT Recombination Protein consists of 116 amino acids.

#### Formulation:

Liquidin PBS, PH7.4, 20% glycerol

#### Biological Activity

N/A

#### Endotoxin:

N/A

#### Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

#### Reconstitution:

According to the application.

#### Description:

Procalcitonin (PCT) is a precursor peptide of the hormone calcitonin (CT). The content of PCT in the serum of normal people is very low. After being infected by microorganisms, calC-I gene is induced to express and promote the secretion of PCT, reaching the peak at 8 hours. PCT has been recognized as a marker of systemic inflammatory response syndrome to guide treatment, reduce antibiotic use, diagnose sepsis, and improve long-term outcomes.

#### Note:

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