

Product Details

Summary

Product name	Recombinant Human PCT protein,C- His Tag
description	A DNA sequence encoding the human CALCA (Met1~Asn141) was fused with the C-terminal His Tag
Expression system	Mammalian cells
Species	Homo sapiens (Human)
Accession #	P01258
Alternative names	CALC1,CCP,PDN-21
Actual Molecular Mass	16.4kDa
Purity	>90% by SDS-PAGE
Endotoxin level	Please contact with the lab for this information.
Formulation	Supplied as solution form in PBS, pH7.5/ Supplied as lyophilized from PBS, pH7.5
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.
Stability &Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	Please refer to the instruction in the hard copy of COA.
Application	Calibrator or standard in ELISA, WB, IHC and other possible application

Background

PCT, a 116 amino acid (aa) protein, is comprised of three sections including a 57 aa N-terminal PCT, a 32 aa calcitonin and a 21 aa katacalcitonin. Calcitonin is a hormone, derived from PCT cleavage. PCT is a good diagnosis marker for bacterial infection. Other diseases such as sepsis, inflammation, surgery, heat shock, burn injuries and cardiogenic shock can also cause an increase of PCT level in blood.

Note

For research use only.

