

Recombinant Full Length Human PROC Protein, His-tagged

Cat. No. PROC-194H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROC Protein (P04070) (Met1-Pro461), fused with a C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-461 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	<1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PROC protein C (inactivator of coagulation factors Va and VIIIa) [Homo sapiens]

Official Symbol PROC

Synonyms PROC

Gene ID 5624

mRNA Refseq NM_000312

Protein Refseq NP_000303

MIM 612283

UniProt ID P04070

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