

Recombinant Human PROC protein, His-tagged

Cat. No. PROC-59H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROC protein(P04070) (Met1-Pro461) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-461 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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 EU/g as determined by LAL test.
Purity	(79+20.5) % as determined by SDS-PAGE
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	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

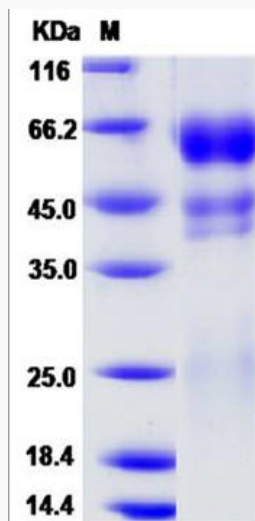
Gene Name	PROC protein C (inactivator of coagulation factors Va and VIIIa) [Homo sapiens]
Official Symbol	PROC
Synonyms	PROC; protein C (inactivator of coagulation factors Va and VIIIa); vitamin K-dependent protein C; autoprothrombin IIA; anticoagulant protein C; blood coagulation factor XIV; PC; APC; PROC1; THPH3; THPH4;
Gene ID	5624
mRNA Refseq	NM_000312
Protein Refseq	NP_000303
MIM	612283
UniProt ID	P04070

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SDS-PAGE



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