

## Recombinant Human PROC Protein

Catalog #	Source	Reactivity	Applications
CRP2163	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PROC Protein is produced by our mammalian expression system and the target gene encoding Thr19-Pro461 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
<b>Gene Symbol</b>	PROC
<b>Alternative Names</b>	Vitamin K-dependent protein C; Anticoagulant protein C; Autoprothrombin IIA; Blood coagulation factor XIV
<b>Entrez Gene</b>	5624 (Human)
<b>SwissProt</b>	P04070 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	TPAPLDSVFS SSERAHQVLR IRKRANSFLE ELRHSSLERE CIEEICDFEE AKEIFQNVDD TLAFWSKHVD GDQCLVLPLE HPCASLCCGH GTCIDGIGSF SCDCRSGWEG RFCQREVSFL NCSLDNGGCT HYCLEEVGWR RCSCAPGYKL GDDLQCHPA VKFPCGRPWK RMEKKRSHLK RDTEDQEDQV DPRLIDGKMT RRGDSPWQVV LLDSKKKLAC GAVLIHPSWV LTAAHCMDES KLLVRLGEY DLRRWEKWEL DLDIKEVFNH PNYSKSTTDN DIALHHLAQP ATLSQTIVPI CLPDSGLAER ELNQAQQETL VTGWGYHSSR EKEAKRNRTF VLNFIKIPVV PHNECSEVMS NMVSENMLCA GILGDRQDAC EGDSGGPMVA SFHGTWFLVG LVSWGEGCGL LHNYGVYTKV SRYLDWIHGH IRDKEAPQKS WAPLEHHHHH H
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

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