

# Recombinant Full Length Human PROCR Protein, Fc-tagged

Cat. No. PROCR-419H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human PROCR protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-238 a.a.
<b>Description</b>	The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	48.6 kDa
<b>AA Sequence</b>	MLTLLPILLLSGWAFCSQDASDGLQRLHMLQISYFRDPYHVWYQGNASLGGHLTH VLEGPDTNTTIIQLQPLQEPESWARTQSGLQSYLLQFHGLVRLVHQERTLAFPLTIRC FLGCELPPEGSRAHVFFEVAVNGSSFVSFRPERALWQADTQVTSGVVFTLQQLNA YNRTRYELREFLEDTCVQYVQKHISAENTKGSQTSRSYTSVLGVLVGSFIIAGVAVG IFLCTGGRRC

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	PROCR protein C receptor, endothelial [ Homo sapiens (human) ]
<b>Official Symbol</b>	PROCR
<b>Synonyms</b>	PROCR; protein C receptor, endothelial; endothelial protein C receptor; CCD41; CD201; EPCR; APC receptor; centrocyclin; CD201 antigen; activated protein C receptor; endothelial cell protein C receptor; cell cycle, centrosome-associated protein; CCCA; bA42O4.2; MGC23024;
<b>Gene ID</b>	10544

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mRNA Refseq	NM_006404
Protein Refseq	NP_006395
MIM	600646
UniProt ID	Q9UNN8

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