

Recombinant Human PROCR protein, His-tagged

Cat. No. PROCR-589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROCR (Q9UNN8) aa. (Thr63~Ser205) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr63~Ser205
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	PROCR protein C receptor [Homo sapiens (human)]
Official Symbol	PROCR
Synonyms	PROCR; protein C receptor; CCCA; EPCR; CCD41; endothelial protein C receptor; APC receptor; CD201 antigen; activated protein C receptor; cell cycle, centrosome-associated protein; centrocyclin; protein C receptor, endothelial
Gene ID	10544
mRNA Refseq	NM_006404.4
Protein Refseq	NP_006395.2

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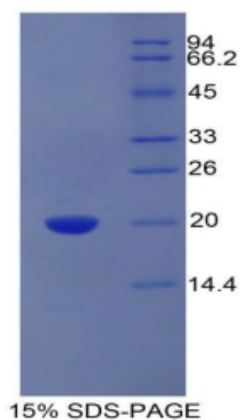
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UniProt ID

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SDS-PAGE

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