

Recombinant Human PROCR, His-tagged

Cat. No. PROCR-145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PROCR, 18-210aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	18-210aa
Description	PROCR is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. This 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. Recombinant human PROCR protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	24.4 kDa (216aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSQDASDG LQRLHMLQIS YFRDPYHVVY QGNASLG GHL THVLEGPDTN TTIIQLQPLQ EPESWARTQS GLQSYLLQFH GLVRLVHQR TLAFLPTIRC FLGCELPPEG SRAHVFFEVA VNGSSFVSFR PERALWQADT QVTSGVVTFT LQQLNAYNRT RYELREFLED TCVQYVQKHI SAENTKGSQT SRSYTS

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Purity	>80% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	PROCR protein C receptor, endothelial [Homo sapiens]
Official Symbol	PROCR
Synonyms	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;
Gene ID	10544
mRNA Refseq	NM_006404
Protein Refseq	NP_006395
MIM	600646
UniProt ID	Q9UNN8
Chromosome Location	20q11.2
Function	protein binding; receptor activity;

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