

Recombinant Human protein C receptor, endothelial Protein, His&Flag tagged

Cat. No. PROCR-097H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant human EPCR/PROCR/CD201 protein (Q9UNN8) (Ser 18-Ser 210) with both His, Flag tag at the C-terminus was expressed in HEK293.

Species

Human

Source

HEK293

ProteinLength

18-210aa

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. Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation.

Tag

C-His&Flag

Molecular Mass

24.7 kDa

Endotoxin

Less than 1.0 EU/μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 µg/mL in sterile water.

GENE INFORMATION

Gene Name	PROCR protein C receptor, endothelial [Homo sapiens (human)]
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

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