

Recombinant human EPCR protein

Catalog Number: ATGP3604

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

18-210aa

UniProt No.

Q9UNN8

NCBI Accession No.

NP_006395

Alternative Names

Endothelial protein C receptor, PROCR, CCCA, CCD41, EPCR

PRODUCT SPECIFICATION

Molecular Weight

49.3 kDa (435aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

PROCR, also known as endothelial protein C receptor, is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. It is a transmembrane glycoprotein expressed on vascular endothelial cells and functions as a negative regulator of thrombosis. Recombinant human PROCR protein, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional

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chromatography techniques.

Amino acid Sequence

ADPSQDASDG LQRLHMLQIS YFRDPYHVWY QGNASLGGHL THVLEGPDTN TTIIQLQPLQ EPESWARTQS GLQSYLLQFH
GLVRLVHQR TLAFLPTIRC FLGCELPPEG SRAHVFFEVA VNGSSFVFR PERALWQADT QVTSGVVTFT LQQLNAYNRT
RYELREFLED TCVQYVQKHI SAENTKGSQT SRSYTSLEPK SCDKTHTCP CPAPPELLGGP SVFLFPPKPK DTLMISRTPE
VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK
AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ
QGNVFCSSVM HEALHNHYTQ KSLSLSPGKH HHHHH

General References

Ghosh S., et al, (2007) J Biol Chem. 282:11849-11857.

Keshava S., et al, (2013) J Thromb Haemost. 11(11):2062-2065.

DATA

SDS-PAGE

(kDa)

70
57
40
28
18
13.5
8.5



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)