

For Research Use Only

Recombinant Human PROCR protein (rFc Tag)



Catalog Number: Eg2339

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human PROCR protein Ser18-Ser210 (Accession# Q9UNN8) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

10544

Accession:

Q9UNN8

Predicted Molecular Mass:

48.3 kDa

SDS-PAGE:

55-70 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Protein C receptor (PROCR), also known as activated protein C receptor (APC receptor), EPCR, or CD201, is a transmembrane glycoprotein. EPCR promotes the activation of protein C, which has anticoagulant and cytoprotective effects. EPCR facilitates the activation of protein C by the thrombin-thrombomodulin complex but also facilitates APC-mediated cytoprotective effects on cells that involve the activation of protease-activated receptors (PAR) 1 and 3.

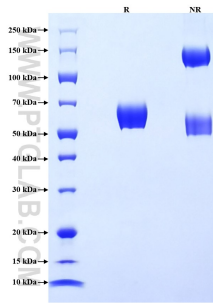
References

1. Mosnier LO. et al. (2016). Thromb Res. 141 Suppl 2(Suppl 2):S46-S49.
2. Zhang P. et al. (2022). Signal Transduct Target Ther. 7(1):46.

Synonyms

CD201, EPCR, Activated protein C receptor, APC receptor, bA4204.2

Selected Validation Data



Purity of Recombinant Human PROCR was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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