

Datasheet for ABIN2181665
PROCR Protein (AA 18-209) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PROCR
Protein Characteristics:	AA 18-209
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROCR protein is labelled with Fc Tag.

Product Details

Sequence:	AA 18-209
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 48.6 kDa. As a result of glycosylation, the protein migrates as 65 kDa under reducing (R) condition, and 125 kDa under non-reducing (NR) condition (SDS-PAGE).
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	PROCR
Alternative Name:	PROCR (PROCR Products)

Target Details

Background: Endothelial protein C receptor (PROCR) is also known as Activated protein C receptor (APC receptor), Endothelial cell protein C receptor, CD antigen CD201. PROCR / EPCR / CD201 is a N-glycosylated protein, with a soluble form exists. PROCR is probably released by a metalloprotease. PROCR seems to have the same activity as the membrane-bound form. PROCR / EPCR / CD201 is expressed strongly in the endothelial cells of arteries and veins in heart and lung. PROCR binds activated protein C and enhances protein C activation by the thrombin - thrombomodulin complex. PROCR plays a role in the protein C pathway controlling blood coagulation.

Molecular Weight: 48.6 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

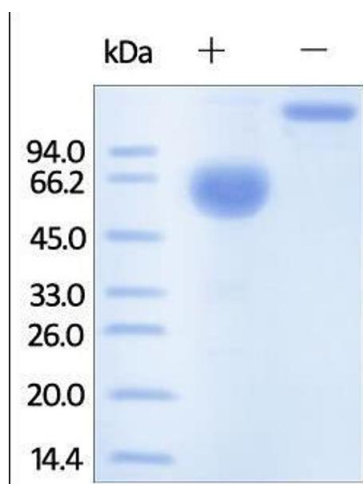
Buffer: 50 mM Tris, 100 mM Glycine, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



SDS-PAGE

Image 1. Human PROCR, Fc Tag on SDS-PAGE under reducing (R) and no-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.