

EPCR Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P76906
Synonyms:	Endothelial Protein C Receptor; Activated Protein C Receptor; APC Receptor; Endothelial Cell Protein C Receptor; CD201; PROCR; EPCR
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_001100647 (M1-T209)
Gene ID:	706040
Molecular Weight:	58-68 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The EPCR protein exhibits a pivotal role in blood coagulation by binding to activated protein C and enhancing its activation through interaction with the thrombin-thrombomodulin complex. This participation in the protein C pathway underscores EPCR's significance in regulating coagulation processes, highlighting its ability to modulate the activation of protein C, a key factor in anticoagulant mechanisms.
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Caution: Product has not been fully validated for medical applications. For research use only.

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