

EPCR Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P75246
Synonyms:	Endothelial Protein C Receptor; CD201; PROCR; EPCR
Species:	Mouse
Source:	HEK293
Accession:	Q64695 (M1-S214)
Gene ID:	19124
Molecular Weight:	65-75 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm 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/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/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 plays a crucial role in the protein C pathway, which regulates blood coagulation. It has the capability to bind activated protein C and acts to enhance its activation by the thrombin-thrombomodulin complex. This interaction is essential for controlling blood coagulation and maintaining proper hemostasis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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