

EPCR Protein, Human (HEK293, His)

Cat. No.:	HY-P70936
Synonyms:	Endothelial Protein C Receptor; Activated Protein C Receptor; APC Receptor; Endothelial Cell Protein C Receptor; CD201; PROCR; EPCR
Species:	Human
Source:	HEK293
Accession:	Q9UNN8 (S18-S210)
Gene ID:	10544
Molecular Weight:	Approximately 37.0 kDa

PROPERTIES

AA Sequence	<p> S Q D A S D G L Q R L H M L Q I S Y F R D P Y H V W Y Q G N A S L G G H L T H V L E G P D T N T T I I Q L Q P L Q E P E S W A R T Q S G L Q S Y L L Q F H G L V R L V H Q E R T L A F P L T I R C F L G C E L P P E G S R A H V F F E V A V N G S S F V S F R P E R A L W Q A D T Q V T S G V V T F T L Q Q L N A Y N R T R Y E L R E F L E D T C V Q Y V Q K H I S A E N T K G S Q T S R S Y T S </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	EPCR protein is capable of binding activated protein C and acts to enhance its activation by the thrombin-thrombomodulin complex. This protein plays a crucial role in the protein C pathway, which regulates blood coagulation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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