

Product datasheet

Recombinant Human EPCR/CD201 protein ab151362

Description

Product name	Recombinant Human EPCR/CD201 protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	<u>Q9UNN8</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	SQDASDGLQRLHMLQISYFRDPYHVWYQGNASLGGHLTH VLEGPDTNTTI IQLQPLQEPESWARTQSGLQSYLLQFHGLVRLVHQERTLA FPLTIRCFLG CELPPEGSRAHVFFEVAVNGSSFVSFRPERALWQADTQ VTSGVVTFTLQQ LNAYNRTRYELREFLEDTCVQYVQKHISAENTKGSQTSRS YTSVDHHHHH H	
Predicted molecular weight	23 kDa including tags	
Amino acids	18 to 210	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab151362** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
General Info	
Function	Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation.
Tissue specificity	Expressed strongly in the endothelial cells of arteries and veins in heart and lung, less intensely in capillaries in the lung and skin, and not at all in the endothelium of small vessels of the liver and kidney.
Post-translational modifications	N-glycosylated. A soluble form exists; probably released by a metalloprotease. Seems to have the same activity as the membrane-bound form.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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