

RPCB1233

Product Information

Product SKU:	RPCB1233	Gene ID:	1636	Size:	10µg
Tag:	N-his	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P12821
Purity:	> 92% by SDS-PAGE.		

Protein Information

Background: Angiotensin I-converting enzyme (ACE, CD143) hydrolyzes small peptides such as angiotensin I, bradykinin, substance P, LH-RH and several others and thus plays a key role in blood pressure regulation and vascular remodeling. ACE plays a crucial role in blood pressure regulation, vascular remodeling, and immunity. ACE is a Zn²⁺ carboxydipeptidase which plays a key role in the regulation of blood pressure and also in the development of vascular pathologies and tissue remodeling. ACE is expressed as two isoforms: somatic ACE (sACE), which is responsible for its hypertensive properties, and a smaller isoform (testicular ACE), which is expressed solely in germinal cells.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human ACE/CD143 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <0.1EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.