

RPCB1808

Product Information

Product SKU:	RPCB1808	Gene ID:	24617	Size:	100µg
Tag:	C-His	Reactivity:	Rat		

Additional Information

Expression Host:	HEK293 Cells	Swissprot:	P20961
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. They are the largest and most diverse family of serine protease inhibitors which are involved in a number of fundamental biological processes such as blood coagulation, complement activation, fibrinolysis, angiogenesis, inflammation and tumor suppression and are expressed in a cell-specific manner. Serpin E1 is a secreted protein which belongs to the Serpin family. Serpin E1 acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid interaction with TPA may function as a major control point in the regulation of fibrinolysis. Defects in SERPINE1 are characterized by abnormal bleeding due to Serpin E1 defect in the plasma. High concentrations of Serpin E1 have been associated with thrombophilia which is an autosomal dominant disorder in which affected individuals are prone to develop serious spontaneous thrombosis.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Rat Serpin E1/PAI-1 Protein, tested reactivity in HEK293 Cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <1EU/µg

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.