

RPCB0110

Product Information

Product SKU:	RPCB0110	Gene ID:	80781	Size:	10µg
Tag:	N-HuFc-His	Reactivity:	Human		

Additional Information

Expression Host:	-	Swissprot:	P39060
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Endostatin is able to avoke non-uniform response for proliferation, cell mount and migration of endothelial cells, which different endostatin binding characteristic, leads to the assumption that endostatin effect is strongly dependent from endothelial cell type. Furthermore endostatin inhibits angiogenesis and tumor growth in vivo by inducing apoptosis in endothelial cells. The local delivery of endostatin seems to specifically affect tumor-associated microvessels by reduction of the vessel density, diameter and functionality. Tumor cell migration and invasion was greatly reduced in the endostatin treated animals. Endostatin is non-toxic and does not induce aquired drug resistance and has therefor become a potent new therapy strategy in solid neoplasias. This therapy appears to have a high potential not only for the treatment of gliomas, the most common brain tumors, but also in other tumors.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Endostatin/COL18A1 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: <0.01EU/ug of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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.