

RPCB1921

Product Information

Product SKU:	RPCB1921	Gene ID:	7431	Size:	100µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	Baculovirus-Insect Cells	Swissprot:	P08670
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Vimentin is a type III intermediate filament (IF) protein found in various non-epithelial cells, especially mesenchymal cells. A vimentin monomer, has a central α -helical domain and carboxyl (tail) domains. Two monomers compose the basic subunit of vimentin assembly. Vimentin is crucial for supporting and anchoring the position of the organelles in the cytosol. Vimentin provided cells with a resilience absent from the microtubule or actin filament networks, when under mechanical stress in vivo. Therefore, in general, it is accepted that vimentin is the cytoskeletal component responsible for maintaining cell integrity. Vimentin is also responsible for stabilizing cytoskeletal interactions. It is found that vimentin control the transport of low-density lipoprotein. It has been used as a sarcoma tumor marker to identify mesenchyme.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Vimentin/VIM Protein , tested reactivity in Baculovirus-Insect Cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 1 EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of 0.1% TFA, 40% acetonitrile.

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.