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32-7616: Recombinant Mouse Angiopoietin-Related Protein 4/ANGPTL4 (C-Fc)(Discontinued)

Gene : Angptl4
Gene ID : 57875
Uniprot ID : Q9Z1P8

Description

Source: Human Cells.
MW :54.6kD.
Recombinant Mouse Angiopoietin Like protein 4 is produced by our Mammalian expression system and the target gene encoding Lys167-Ser410 is expressed with a Fc tag at the C-terminus. Angiopoietin-related protein 4(ANGPTL4)is a secreted protein and contains 1 fibrinogen C-terminal domain. The protein may act as a regulator of angiogenesis and modulate tumorigenesis. It inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. ANGPTL4 may exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity (By similarity). In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : KRLPKMTQLIGLTPNATHLHRPPRDCQELFQEGERHSGLFQIQPLGSPPFLVNCEMTSDGGWTVIQ
RRLNGSVDFNQSWEAYKDGFGDPQGEFWLGLEKMHSITGNRGSQLAVQLQDWDGNAKLLQFPIH
LGGEDTAYSLQLTEPTANELGATNVSPNGLSLPFSTWDQDHDLRGDLNCAKSLSGGWWFGTCSH
SNLNGQYFHSIPRQRQERKKGIFWKTWKGRYYPLQATTLLIQPMEATAASVDDIEGRMDEPKSCD
KTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN
AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLP
PSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRW
QQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.