

Recombinant Mouse Angiopoietin-Related Protein 4/ANGPTL4 Protein(C-Fc)

Cat.NO.: TP05206

3th Edition

Synonyms:Angiopoietin-related protein 4;425O18-1;Angiopoietin-like protein 4;Fasting-induced adipose factor;Hepatic fibrinogen/angiopoietin-related protein;HFARP;Secreted protein Bk89;Angptl4;Farp; Fiaf; Ng27

Description: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.

Form:PBS

Molecular Weight:54.6 kDa

Sequences:Lys167-Ser410

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.