

Active Recombinant Rat Angptl4, His-tagged

Cat. No. Angptl4-104R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Signal peptide and rat ANGPTL4 (aa 1-405) are fused at the C-terminus to a His-tag.
Species	Rat
Source	E.coli
ProteinLength	1-405 a.a.
Description	ANGPTL4 (Angiopoietin-like protein 4) mainly expressed in endothelial cells (hypoxia-induced). Regulates angiogenesis and modulates tumorigenesis and directly regulates lipid, glucose, and energy metabolism. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage.
Form	Liquid. 0.2µm-filtered solution in PBS.
Bio-activity	Activates ERK phosphorylation in THP-1 cells.
Molecular Mass	~75kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

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GENE INFORMATION

Gene Name	Angptl4 angiopoietin-like 4 [Rattus norvegicus]
Official Symbol	Angptl4
Synonyms	ANGPTL4; angiopoietin-like 4; angiopoietin-related protein 4; HFARP; angiopoietin-like protein 4; hepatic fibrinogen/angiopoietin-related protein;
Gene ID	362850
mRNA Refseq	NM_199115
Protein Refseq	NP_954546
Pathway	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	enzyme inhibitor activity; enzyme inhibitor activity; receptor binding;

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