

## Active Recombinant Rat Angptl4, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Signal peptide and rat ANGPTL4 (aa 1-405) are fused at the C-terminus to a His-tag.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-405 a.a.
<b>Description</b>	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.
<b>Form</b>	Liquid. 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Activates ERK phosphorylation in THP-1 cells.
<b>Molecular Mass</b>	~75kDa (SDS-PAGE)
<b>Purity</b>	≥90% (SDS-PAGE)
<b>Stability</b>	Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Storage</b>	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**

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

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