

Recombinant Human Angiopoietin-like 6, FLAG-tagged

Cat. No. ANGPTL6-408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANGPTL6 (angiopoietin-like protein 6; AGF) (aa 21-470) produced in HEK 293 cells fused at the N-terminus to a FLAG-tag.
Species	Human
Source	Human Cells
Protein Length	21-470 a.a.
Description	The angiopoietins are protein growth factors that promote angiogenesis, the formation of blood vessels from pre-existing blood vessels. There are now four identified angiopoietins: Ang1, Ang2, Ang3, Ang4. In addition, there are a number of proteins that are closely related to angiopoietins (ANGPTL2, ANGPTL3, ANGPTL4, ANGPTL5, ANGPTL6, ANGPTL7). Ang1 and Ang2 are required for the formation of mature blood vessels, as demonstrated by mouse knock out studies.
Source/Host	HEK 293 cells.
Purity	≥90% (SDS-PAGE).
Formulation	Liquid. 0.2µm-filtered solution in PBS.
Concentration	~0.5mg/ml.
Endotoxin Content	<0.1EU/g protein (LAL-test).

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Long Term Storage	-20°C.
Use/Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Handling	After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	ANGPTL6 angiopoietin-like 6 [Homo sapiens]
Synonyms	angiopoietin-like 6; AGF; ARP5; ANGPTL6; angiopoietin-related protein 5;Angiopoietin-related protein 5; Angiopoietin-related growth factor
Gene ID	83854
mRNA Refseq	NM_031917
Protein Refseq	NP_114123
MIM	609336
UniProt ID	Q8NI99
Chromosome Location	19p13.2
Function	receptor binding

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