

Recombinant Human ANGPTL5, Coiled-Coil Domain, FLAG-tagged

Cat. No. ANGPTL5-406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human coiled-coil domain of human ANGPTL5 (angiopoietin-like protein 5) (aa 1-130) produced in <i>HEK 293 cells</i> fused at the N-terminus to a FLAG-tag.
Species	Human
Source	HEK293
Protein Length	1-130 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.
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	ANGPTL5 angiopoietin-like 5 [Homo sapiens]
Synonyms	angiopoietin-like 5; ANGPTL5; angiopoietin-related protein 5; fibrinogen-like; angiopoietin-like protein 5
Gene ID	253935
mRNA Refseq	NM_178127
Protein Refseq	NP_835228
MIM	607666
UniProt ID	Q86XS5
Chromosome Location	11q22.1
Function	receptor binding

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