

# Recombinant Human ANGPTL5, Fibrinogen-like Domain, FLAG-tagged

**Cat. No.** ANGPTL5-407H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |   |
|--------------------------|---|
| <b>Product Overview</b>  | Recombinant human fibrinogen-like domain of ANGPTL5 (angiotensin-like protein 5) (aa 146-388) produced in <i>HEK 293 cells</i> fused at the N-terminus to a FLAG-tag.   |
| <b>Species</b>           | Human   |
| <b>Source</b>            | HEK293  |
| <b>ProteinLength</b>     | 146-388 a.a.  |
| <b>Description</b>       | The angiotensins are protein growth factors that promote angiogenesis, the formation of blood vessels from pre-existing blood vessels. There are now four identified angiotensins: Ang1, Ang2, Ang3, Ang4. In addition, there are a number of proteins that are closely related to angiotensins (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. |
| <b>Purity</b>            | ≥90% (SDS-PAGE).  |
| <b>Formulation</b>       | Liquid. 0.2µm-filtered solution in PBS.   |
| <b>Concentration</b>     | 0.5mg/ml.   |
| <b>Endotoxin Content</b> | <0.1EU/g protein (LAL-test).  |

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

## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | ANGPTL5 angiotensin-like 5 [ Homo sapiens ]   |
| <b>Synonyms</b>            | angiotensin-like 5; ANGPTL5; angiotensin-related protein 5; fibrinogen-like; angiotensin-like protein 5 |
| <b>Gene ID</b>             | 253935  |
| <b>mRNA Refseq</b>         | NM_178127   |
| <b>Protein Refseq</b>      | NP_835228   |
| <b>MIM</b>                 | 607666  |
| <b>UniProt ID</b>          | Q86XS5  |
| <b>Chromosome Location</b> | 11q22.1   |
| <b>Function</b>            | receptor binding  |

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