

## Recombinant Human ANGPTL4 Protein, His/DDK-tagged

Cat. No. ANGPTL4-495H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human ANGPTL4(Pro166–Ser406), transcript variant 1, fused with His/DDK tag at N-terminal was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ProteinLength    | 166-406 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description      | <p>THis gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. THis protein can also act as an apoptosis survival factor for vascular endothelial cells and can prevent metastasis by inhibiting vascular growth and tumor cell invasion. The C-terminal domain may be proteolytically-cleaved from the full-length secreted protein. Decreased expression of tHis gene has been associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. THis gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4.</p> |
| Form             | 1 x PBS, pH7.4, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Mass   | 32 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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**Concentration** >50 ug/mL as determined by microplate BCA method

## GENE INFORMATION

**Gene Name** [ANGPTL4 angiotensin-like 4 \[ Homo sapiens \]](#)

**Official Symbol** [ANGPTL4](#)

**Synonyms**

ANGPTL4; angiotensin-like 4; angiotensin-related protein 4; angiotensin related protein 4; ARP4; fasting induced adipose factor; FIAF; hepatic angiotensin related protein; hepatic fibrinogen/angiotensin related protein; HFARP; NL2; peroxisome proliferator activated receptor (PPAR) gamma induced angiotensin related protein; PGAR; pp1158; PPARG angiotensin related protein; angiotensin-like protein 4; fasting-induced adipose factor; hepatic angiotensin-related protein; hepatic fibrinogen/angiotensin-related protein; peroxisome proliferator-activated receptor (PPAR) gamma induced angiotensin-related protein; ANGPTL2;

**Gene ID** [51129](#)

**mRNA Refseq** [NM\\_001039667](#)

**Protein Refseq** [NP\\_001034756](#)

**UniProt ID** [Q9BY76](#)

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