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# Product datasheet for TP700267

## Angiopoietin like 4 (ANGPTL4) (NM_139314) Human Recombinant Protein

### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of human angiopoietin-like 4 (ANGPTL4), transcript variant 1, with N-terminal His/DDK tag, expressed in human cells, 20 µg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | A DNA sequence from TrueORF clone, RC205651, encoding the region (Pro166 – Ser406) of human ANGPTL4 |
| **Tag:** | N-His/DDK |
| **Predicted MW:** | 32 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | PBS, pH 7.4, 10% glycerol |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_647475 |
| **Locus ID:** | 51129 |
| **UniProt ID:** | Q9BY76 |
| **RefSeq Size:** | 1905 |
| **Cytogenetics:** | 19p13.2 |
| **RefSeq ORF:** | 1218 |
| **Synonyms:** | ARP4; FIAF; HARP; HFARP; NL2; PGAR; pp1158; TGQTL; UNQ171 |

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**Summary:** 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. [provided by RefSeq, Sep 2013]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** PPAR signaling pathway

## Product images: