# Human ANGPTL4, Tag Free Protein

## HA211387

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| **Product name:** | Human ANGPTL4, Tag Free |
| **Species reactivity:** | Human |
| **Bio-Activity:** | Testing in progress. |
| **Protein construction description:** | A DNA sequence encoding the human ANGPTL4 protein (Q9BY76-1) (Pro 166-Ser 406) was expressed with tag free. |

**Background:** Angiopoietin-like 4 is a protein that in humans is encoded by the ANGPTL4 gene. Alternatively spliced transcript variants encoded with different isoforms have been described. This gene was previously referred to as ANGPTL2, HFARP, PGAR, or FIAF but has been renamed ANGPTL4. This gene is induced under hypoxic (low oxygen) condition in various cell types and is the target of peroxisome proliferator-activated receptors. The encoded protein is a serum hormone directly involved in regulating lipid metabolism. ANGPTL4 plays an important role in numerous cancers and is implicated in the metastatic process by modulating vascular permeability, cancer cell motility and invasiveness.

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| **Purity:** | >95% as determined by SDS-PAGE. |
| **Endotoxin:** | Less than 1.0 EU per μg by the LAL method. |
| **Fragment region:** | ANGPTL4 (166-406) |
| **Source:** | HEK293 |
| **Accession:** | Q9BY76-1 |
| **Predicted molecular mass:** | 27.9 kD |
| **Formulation:** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol. |
| **Reconstitution:** | Reconstitute at 250 μg/ml in sterile water. |
| **Storage:** | Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## Images

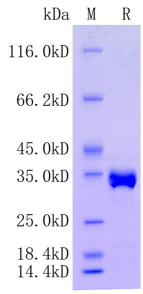


**Fig1:** Protein on SDS-PAGE under reducing (R) condition.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".