

Product datasheet for **TP700268**

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 C-terminal DDK/His 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 (Gly26 – Arg161) of human ANGPTL4
Tag:	C-DDK/His
Predicted MW:	18 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: