

## Product datasheet for **TP726876**

### Angptl4 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Angiopoietin-Related Protein 4/ANGPTL4 (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Lys167-Ser410
Tag:	C-Fc
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Angiopoietin Like protein 4 is produced by our Mammalian expression system and the target gene encoding Lys167-Ser410 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	57875
UniProt ID:	<a href="#">Q9Z1P8</a>
Summary:	Angiopoietin-related protein 4 (ANGPTL4) is a secreted protein and contains 1 fibrinogen C-terminal domain. The protein may act as a regulator of angiogenesis and modulate tumorigenesis. It inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. ANGPTL4 may exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity (By similarity). In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.



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