

## Product datasheet for **TP727779**

### ANGPTL3 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Angiopoietin-like Protein 3/ANGPTL3 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser17-Pro220
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Angiopoietin-related Protein 3 is produced by our Mammalian expression system and the target gene encoding Ser17-Pro220 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	27329
UniProt ID:	<a href="#">Q9Y5C1</a>
Summary:	Angiopoietin-like 3 (ANGPTL3) is a secreted glycoprotein that is structurally related to the angiopoietins. Mature human ANGPTL3 contains an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. ANGPTL3 is expressed in the liver from early in development through adulthood. Full length ANGPTL3 circulates in the plasma as do the proteolytically separated N-and C-terminal segments containing the coiled coil domain and fibrinogen-like domains, respectively. ANGPTL3 directly inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), enzymes responsible for hydrolyzing circulating triglycerides and HDL phospholipids. ANGPTL3 promotes an increase in circulating triglyceride levels without altering VLDL or HDL secretion or uptake. ANGPTL3 expression in vivo is up-regulated by LXR agonists and down-regulated by insulin, leptin, and agonists of TRÎ² or PPARÎ².



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