

ANGPTL-3, Human Recombinant

CATALOG NO:	P1283-10, 50	10 µg, 50 µg
ALTERNATE NAMES:	Angiopietin-like protein 3, ANG-5, ANGPT5, Angiopietin-5, Angiopietin-related protein 3, ANGPTL3	
SOURCE:	CHO cells	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses.	
MOL. WEIGHT:	62 kDa	
FORM:	Lyophilized	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
BIOLOGICAL ACTIVITY:	Measured by its binding ability to recombinant αvβ3 integrin in a functional ELISA.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.	
DESCRIPTION:	ANGPTL-3 (Angiopietin like protein 3) is a member of the angiopietin family of structurally related proteins, characterized by a coiled N-terminal domain and a C-terminal fibrinogen like domain. It is primarily expressed in the liver and can exert activities related to both angiogenesis and lipid metabolism. ANGPTL-3 inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), which has the effect of increasing plasma levels of triglycerides and HDL associated cholesterol. The fibrinogen like portion of the ANGPTL-3 protein can bind alpha-5/beta-3 integrin's leading to endothelial cell adhesion and migration. Recombinant human ANGPTL-3 is a glycoprotein that migrates by SDS-PAGE analysis at an apparent molecular weight of 62 kDa, and contains 452 amino acid residues including a C-terminal His tag.	

RELATED PRODUCTS:

- ANGPTL3 (mouse/rat) Serum ELISA Kit (**Cat. No. K4915**)
- ANGPTL3 (human) Serum ELISA Kit (**Cat. No. K4914**)
- ANG-1, Human Recombinant (**Cat. No. 7115**)
- ANG-2, Human Recombinant (**Cat. No. 7116**)
- Angiotensin I (Human) ELISA Kit (**Cat. No. E4515**)
- Angiotensin II (Ang II) (Human) ELISA Kit (**Cat. No. E4527**)
- Angiotensin III (Ang III)(Human) ELISA Kit (**Cat. No. E4536**)
- Angiostatin K1-3, human recombinant (**Cat. No. 4920**)
- Angiotensin II Converting Enzyme (ACE2) Inhibitor Screening Kit (**Cat. No. K310**)
- Human CellExp™ Angiopietin-2, human recombinant (**Cat. No. 7395**)
- Human CellExp™ ANGPTL7 / CDT6, Human Recombinant (**Cat. No. P1169**)
- Live-Dead Cell Staining Kit (**Cat. No. K501**)

FOR RESEARCH USE ONLY! Not to be used on humans.