

Recombinant Human ANGPTL3, FLAG-tagged

Cat. No. ANGPTL3-26574TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ANGPTL3 fused at the C terminus to a DDDDK tag; mwt: 60 kDa by SDS PAGE.
Species	Human
Source	HEK293
ProteinLength	460 amino acids
Description	The protein encoded by this gene is a member of the angiopoietin-like family of secreted factors. It is predominantly expressed in the liver, and has the characteristic structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain and the C-terminal fibrinogen (FBN)-like domain. The FBN-like domain in angiopoietin-like 3 protein was shown to bind alpha-5/beta-3 integrins, and this binding induced endothelial cell adhesion and migration. This protein may also play a role in the regulation of angiogenesis.
Conjugation	FLAG
Molecular Weight	60.000kDa inclusive of tags
Tissue specificity	Expressed principally in liver. Weakly expressed in kidney.
Biological activity	Activates ERK phosphorylation in THP-1 cells.

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Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Contains 1 fibrinogen C-terminal domain.

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin-like 3 [Homo sapiens]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin-related protein 3; angiopoietin 5;
Gene ID	27329
mRNA Refseq	NM_014495
Protein Refseq	NP_055310
MIM	604774
Uniprot ID	Q9Y5C1
Chromosome	1p31.1-p22.3

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Location	
Pathway	Integrins in angiogenesis, organism-specific biosystem;
Function	cell surface binding; enzyme inhibitor activity; growth factor activity; integrin binding; phospholipase inhibitor activity;

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