

Product information

ANGPTL3, 243-460aa

Human, His-tagged, Recombinant, *E.coli*

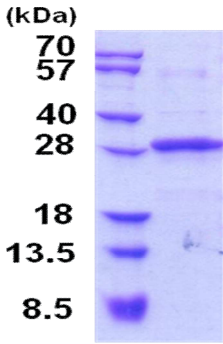
Cat. No. IBATGP3149

Full name: Angiopoietin-related protein 3

NCBI Accession No.: NP_055310

Synonyms: ANG-5, ANGPT5, ANL3, FHBL2

Description: ANGPTL3 also known as Angiopoietin-related protein 3 is a member of the angiopoietin-like family of secreted factors. It is expressed predominantly 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. Recombinant human ANGPTL3, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p>Form: Liquid. In 20mM Tris-HCl (pH8.0) containing 10% glycerol</p> <p>Molecular Weight: 27.7kDa (239aa)</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MPAECTTIYN RGEHTSGMYA IRPSNSQVFH VYCDVISGSP WTLIQHRIDG SQNFNETWEN YKYGFGRLDG EFWLGLEKIY SIVKQSNYVL RIELEDWKN KHYIEYSFYL GNHETNYTLH LVAITGNVNP AIPENKDLVF STWDHKAKGH FNCPEGYSYG WWWHDECEN NLNGKYNKPR AKSKPERRRG LSWKSQNGRL YSIKSTKMLI HPTDSESE</p>	

General references:

Arca M., *et al.* (2013) *Curr. Opin. Lipidol.* 24(4):313-20

Quagliarini F Q., *et al.* (2012) *Proc Natl Acad Sci.* 109(48):19751-6

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
 Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
 8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
 Phone: (888) 523-1246 Fax.: (763) 780-2988
 Email: info@ibl-america.com Web: www.ibl-america.com