

32-20588: Recombinant Human ANGPTL-3(Discontinued)

Reactivity : Human

Alternative Name : Angiopoietin-like protein 3, ANG-5, ANGPT5

Description

Source:CHO cells

ANGPTL-3 (Angiopoietin like protein 3) is a member of the angiopoietin 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 integrins 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.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : SRIDQDNSSF DLSPEPKSR FAMLDDVKIL ANGLLQLGHG LKDFVHKTKG QINDIFQKLN IFDQSFYDLS
LQTSEIKEEE KELRRTTYKL QVKNEEVKNM SLELNSKLES LEEKILLQQ KVKYLEEQLT NLIQNQPETP
EHPEVTSLKT FVEKQDNSIK DLLQTVEDQY KQLNQHSQI KEIENQLRRT SIQEPTISL SSKPRAPRTT
PFLQLNEIRN VKHDGIPAEC TTIYNRGEHT SGMYAIRPSN SQVFHVYCDV ISGSPWTLIQ HRIDGSQNFN
ETWENYKYGF GRLDGEFWLG LEKIYSIVKQ SNYVLRIELE DWKDNKHIE YSFYLGNET NYTLHLVAIT
GNVPNAIPEN KDLVFSTWDH KAKGHFNCPE GYSGGWWWH D ECGENNLNGK YNKPRAKSKP
ERRRGLSWKS QNGRLYSIKS TKMLIHPTDS ESFEHHHHHH HH

Application Note

Measured by its binding ability to recombinant Alpha vBeta 3 integrin in a functional ELISA.