9051 Mira Mesa Blvd, #910094
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ANGPTL4 Human, HEK

Angiopoietin-like Protein 4 Human Recombinant, HEK
CYK0037

Product Overview

Name	ANGPTL4 Human, HEK
Description	
Angiopoietin-like Protein 4 Human Recombinant, HEK	
Accession (Primary)	Q9BY76
Synonyms	
ANGPTL4, NL2, ARP4, FIAF, PGAR, HFARP, pp1158, ANGPTL2, Fasting- Induced Adipose Factor, Hepatic Fibrinogen/Angiopoietin-Related Protein, PPARG Angiopoietin-Related Protein.	
Introduction	
The fasting-induced adipose factor (FIAF, ANGPTL4, PGAR, HFARP) was identified as an adipocytokine up-regulated by fasting, by peroxisome proliferator-activated receptor agonists, and by hypoxia. At the protein level, in human and mouse blood plasma, FIAF was found to be present both as a native protein and in a truncated form. Differentiation of mouse 3T3-L1 adipocytes was associated with the production of truncated FIAF, whereas in human white adipose tissue and SGBS adipocytes, only the native FIAF could be detected. Interestingly, the truncated FIAF was produced by human liver. Experimental data suggest that FIAF is mainly presented in human blood plasma in a truncated form (FIAF-S2), whose level is increased by fenofibrate treatment. Levels of both truncated and native FIAF showed marked inter individual variation but were not associated with body mass index and were not influenced by prolonged semistarvation.	
Source	
HEK293.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5.	
Stability	
Store lyophilized Angiopoietin-like Protein 4 Human recombinant at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	

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Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

GPVQSKSPRF ASWDEMNVLA HGLLQLGQGL REHAERTRSQ LSALERRLSA CGSACQGTEG STDLPLAPES RVDPEVLHSL QTQLKAQNSR IQQLFHKVAQ QQRHLEKQHL RIQHLQSQFG LLDHKHLDHE VAKPARRKRL PEMAQPVDPA HNVSRLHRLP RDCQELFQVG ERQSGLFEIQ PQGSPPFLVN CKMTSDGGWT VIQRRHDGSV DFNRPWEAYK AGFGDPHGEF WLGLEKVHSI TGDRNSRLAV QLRDWDGNAE LLQFSVHLGG EDTAYSLQLT APVAGQLGAT TVPPSGLSVP FSTWDQDHDL RRDKNCAKSL SGGWWFGTCS HSNLNGQYFR SIPQQRQKLK KGIFWKTWRG RYYPLQATTM LIQPMAAEAA SAAADYKDDDDK.

Solubility

Add pyrogen free water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.

Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Applications

Western blotting.

Precautions

ANGPTL4 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BY76)