9051 Mira Mesa Blvd, #910094
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C19ORF80 Human

Chromosome 19 Open Reading Frame 80 Human Recombinant
RCP0257

Product Overview

Name	C19ORF80 Human

Description

Chromosome 19 Open Reading Frame 80 Human Recombinant

Accession (Primary)	Q6UXH0

Synonyms

Betatrophin, Angiopoietin-like protein 8, Lipasin, C19orf80, Angptl8, RIFL, TD26, PRO1185, PVPA599.

Introduction

Chromosome 19 Open Reading Frame 80 (C19ORF80) is a significant new regulator of lipid metabolism which regulates serum triglyceride levels, possibly by promoting ANGPTL3 cleavage. C19ORF80 belongs to the ANGPTL protein family. C19ORF80 is a hormone which specifically promotes pancreatic beta cell proliferation and beta cell mass expansion, thus improving glucose tolerance. C19ORF80 is mainly expressed in the liver; it is also expressed in adipose tissues. C19ORF80 is expressed in response to food intake.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

C19ORF80 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.

Stability

Store lyophilized protein 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

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MKHHHHHHAS APMGGPELAQ HEELTLLFHG TLQLGQALNG VYRTTEGRLT KARNSLGLYG RTIELLGQEV SRGRDAAQEL RASLLETQME EDILQLQAEA TAEVLGEVAQ AQKVLRDSVQ RLEVQLRSAW LGPAYREFEV LKAHADKQSH ILWALTGHVQ RQRREMVAQQ HRLRQIQERL HTAALPA.

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Solubility

It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of this antigen is limited.

C19ORF80 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

C19ORF80 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6UXH0)