

## 32-3369: rC19ORF80 Recombinant Protein

**Alternative Name :** Betatrophin,Angiopoietin-like protein 8,Lipasin,C19orf80,Angptl8,RIFL,TD26,PRO1185,PVPA599.

### Description

Source : Escherichia Coli. C19ORF80 Rat Recombinant produced in E. coli is a polypeptide chain containing 193 amino acids and having a total molecular mass of 22.0 kDa. C19ORF80 has a N-Terminal His-tag (10 AA residue). 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 and stimulated by insulin.

### Product Info

|                            |                                                                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Amount :</b>            | 10 µg                                                                                                                                                                                                                                                |
| <b>Purification :</b>      | Greater than 95.0% as determined by densitometric image analysis.                                                                                                                                                                                    |
| <b>Content :</b>           | Filtered (0.4µm) and lyophilized from a 0.5mg/ml solution containing 0.03M Acetate buffer pH 4.0.                                                                                                                                                    |
| <b>Storage condition :</b> | 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. |
| <b>Amino Acid :</b>        | MKHHHHHHAS VRPAPVAPLG GPEPAQYEEL TLLFHGALQL GQALNGVYKA TEARLTEAGR NLGLFDQALE<br>FLGREVNQGR DATRELRTSL SEIQAEEDTL HLRAEATARS LREVARAQHA LRNSVRRLLQV QLRGAWLGQA<br>HQEFENLKDR ADKQNHLLWA LTGHVQRQQR EMAEQQWLR QIQQLHMAA LPA                            |

### Application Note

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<sup>-6</sup>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.

