

Mouse Acrp30 Recombinant Protein



RPPB0019

Product Information Protein Information

Product SKU:

RPPB0019

Protein description:

The Acrp30 Mouse Recombinant is fused with FLAG tag having a total Mw of 26kDa.

Accession:

Q60994

Synonyms:

Acrp30, AdipoQ, GBP-28, APM-1, ACDC.

Host:

HEK293 (Human embryonic kidney cell line).

Formulation:

Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M PBS buffer, 0.075M NaCl, pH7.4.

Purity:

Greater than 98.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Acrp30 Mouse in sterile 18M-cm H₂O at 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Store lyophilized APM-1 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.

Amino Acid Sequence:

EDDVTTTEEL APALVPPPKG TCAGWMAGIP GHPGHNGTPG RDGRDGPGE KGEKGDAGLL GPKGETGDVG
MTGAEGPRGF PGTPGRKGEP GEAAYMYRSA FSVGLETRVT VPNVPIRFTK IFYNQQNHYD GSTGKFYCNI
PGLYYFSYHI TVYMKDVKVS LFKKDKAVLF TYDQYQEKV DQASGSVLLH LEVGDQVWLQ VYGDGDHNGL
YADNVNDSTF TGFLLYHDTN DYKDDDDK.

Biological Activity:

Full-length adiponectin activates AMP-activated protein kinase in hepatocyte. Adiponectin also activates AMPK in HepG2 human hepatocytes at the concentration of 1.0 µg/ml. An in vitro gluconeogenesis assay which was performed in primary rat hepatocytes showed the murine adiponectin derived from mammalian cells can inhibit glucose production.