

Human Acrp30 Recombinant Protein



RPPB0015

Product Information Protein Information

Product SKU:

RPPB0015

Protein description:

The Acrp30 Human Recombinant produced in HEK293 cells is fused with FLAG tag.

Accession:

Q15848

Appearance:

White lyophilized (freeze-dried) powder.

Host:

HEK293 (Human Embryonic Kidney cell line).

Synonyms:

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

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 50mM phosphate Buffer, 75mM NaCl, pH 7.4.

Purity:

Greater than 98% as determined by HPLC and SDS PAGE.

Solubility:

Add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product not sterile! Please filter the product by an appropriate sterile filter before using it in cell culture.

Stability:

For long term, store lyophilized AdipoQ 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. The lyophilized protein remains stable for 24 months when stored at -20°C.

Amino Acid Sequence:

ETTTQGPVL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK GDPGLIGPKG DIGETGVPGA
EGPRGFPGIQ GRKGEPGEGA YVYRSAFSVG LETYVTIPNM PIRFTKIFYN QQNHYDGGSTG KFHCNIPGLY
YFAYHIVYMK DVKVSFLFKD KAMLFTYDQY QENNVDAQSG SVLLHLEVDG QVWLQVYEGEG ERNGLYADND
NDSTFTGFL YHDTNDYKDDDDK.

Biological Activity:

In vitro gluconeogenesis assay in primary hepatocytes was performed, showing the Adiponectin human derived from mammalian cells can inhibit glucose production. The ED50 was ~6 µg/ml.