

Human Acrp30 Recombinant Protein



RPPB0017

Product Information Protein Information

Product SKU:

RPPB0017

Accession:

Q15848

Host:

HEK293 (Human embryonic kidney cell line).

Protein description:

Trimeric form of Adiponectin Human trimeric form was expressed in HEK293 cells. The cysteine 39 was replaced with Alanine (C39A) 9. hAd-C39A can only form a trimer, but not a hexamer or an HMW form.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer, 0.075M NaCl, pH 7.4.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

Add deionized water to a working volume 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.

Stability:

Store lyophilized Adiponectin 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:

ETTTQGPVL LPLPKGAATG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK GDPGLIGPKG DIGETGVPGA
EGPRGFPGIQ GRKGEPGEGA YVYRSAFVSG LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY
YFAYHIVYMK DVKVSFLFKD KAMLFTYDQY QENNVDQASG SVLLHLEVGD QVWLQVYGEGERNGLYADND
NDSTFTGFLLYHDTNDYKDD DDK.

Biological Activity:

ED50= 3-8.5 µg/ml, as determined by its ability to inhibit proliferation of HASMCs induced by HB EGF.