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gAcrp30 Human, His

Catalog #:CYPS-284

For research use only.

Description: Acrp30 Human has a total of 171 amino acids. N-terminal underlined amino acids are His-tag and the protease cleavage site (31AA-Underlined). The AA sequence of Acrp30 Human is homologous to the 105-244 amino acid sequence of the Human full-length Adiponectin.

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

Source: Escherichia Coli.

Amino Acid Sequence:MSWWHHHHHH NWNIPTTQDT TQDLWFEGAM GGEGAYVYRS FSVGLETYV TIPNMPIRFT KIFYNQQNHYDGSTGKFHCN IPGLYYFAYH ITVYMKDVKV SLFKKDKAML FTYDQYQENN VDQASGSVLL HEVGDQVWLQVYGEGERNGL YADNDNDSTF TGFLLYHDTN (Swiss-prot entry Q15848).

Purity: Purity of Acrp30 Human is greater than 95% as determined by HPLC and SDS PAGE.

Formulation:

Acrp30 Human is a filtered powder, lyophilized from 0.6 mg/ml in PBS buffer.

Stability:

For long term, store lyophilized Acrp30 Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Acrp30 Human 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 Acrp30 Human remains stable for 24 months when stored at -20°C.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

Add 0.2 ml of deionized water and let the lyophilized pellet of Acrp30 Human dissolve completely.

Introduction:

Adiponectin is a protein exclusively secreted from adipose tissue. In the circulation, adiponectin is present as three different oligomeric complexes, including the high molecular weight (HMW), the middle molecular weight (MMW, also called hexamer) and low molecular weigh (LMW, also called trimer) forms. Different oligomeric complex of adiponectin activates different signaling pathways and exerts distinct functions.

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