

gAcrp30 Human, Globular Adiponectin Human Recombinant Protein, His Tag

Catalog Number: PROTQ15848-3

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 weight (LMW, also called trimer) forms. Different oligomeric complex of adiponectin activates different signaling pathways and exerts distinct functions.

Overview

Product Name	gAcrp30 Human, Globular Adiponectin Human Recombinant Protein, His Tag
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 (Swiss-prot entry Q15848).
Size	2ug, 10ug, 1mg
Tag	
Form	Sterile filtered colorless solution.
Source	E. Coli
Formulation	Acrp30 Human is a filtered powder, lyophilized from 0.6mg/ml in PBS buffer.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

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

Amino Acid Sequence

MSWWHHHHHH NWNIPTTQDT TQDLWFEGAM GGEGAYVYRS FSVGLETYV TIPNMPIRFT KIFYNQNHYDGSTGKFHCN IPGLYYFAYH
ITVYMKDVKV SLFKKDKAML FTYDQYQENN VDQASGSVLL HEVGDQVWLQVYGEGERNGL YADNDNDSTF TGFLLYHDTN.

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Usage

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