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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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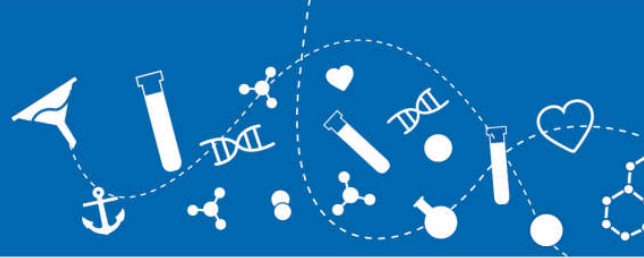
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Adiponectin, glycosilated, mouse recombinant (rmAcrp30-HEK)

Catalog No: 94977
Lot No: XXXXX
Source: HEK293
Synonyms: Acrp30, AdipoQ, GBP-28, APM-1, ACDC

Background

Adiponectin is an important negative regulator in hematopoiesis and immune systems. It may be involved in ending inflammatory responses through its inhibitory functions. Inhibits endothelial nf-kappa-b signaling through a camp-dependent pathway. Inhibits tnf-alpha- induced expression of endothelial adhesion molecules. Involved in the control of fat metabolism and insulin sensitivity.

Description

Acrp30 mouse recombinant is fused with FLAG Tag having a total molecular mass of 26 kDa.

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in PBS buffer.

Solubility

It is recommended to reconstitute the lyophilized Acrp30 mouse in sterile 18 MΩ-cm H₂O at 0.5 mg/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.

Purity

Greater than 98% (HPLC and SDS PAGE analyzed).

Amino Acid Sequence

EDDVTTTEEL APALVPPPKG TCAGWMAGIP GHPGHNGTPG RDGRDGTPE KGEKGDAGLL GPKGETGDVG MTGAEGPRGF
PGTPGRKGEF GEAAAYMYRSA FSVGLETRVT VNPVPIRFTK IFYNQQNHVD GSTGKFYCNV PGLYYFSYHI TVYMKDVKVS
LFKKDKAVLF TYDQYQEKV DQASGSVLLH LEVGDQVWLQ VYGDGDHNGV YADNVNDSTF TGFLLYHDTN DYKDDDDK

Activity

Full-length mouse adiponectin activates AMP-activated protein kinase in hepatocyte and activates AMPK in HepG2 human hepatocytes at a concentration of 1000 ng/ml corresponding to a specific activity of 1000 IU/mg. Mouse adiponectin mammalian cell derived inhibits glucose production as shown by in-vitro gluconeogenesis assay in primary rat hepatocytes.

Applications

ELISA*WB*cell culture*animal studies

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.