Adiponectin (human), (recombinant)

Homeostatic factor for regulating glucose levels, lipid metabolism, and insulin sensitivity

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ALX-522-063-C050	50µg

Manuals, SDS & CofA View Online »

- Mimics serum adiponectin by forming high molecular weight (HMW) and hexameric species
- Expressed in mammalian cell line to guarantee proper post-translational modifications
- High purity and low endotoxin content to ensure experimental success

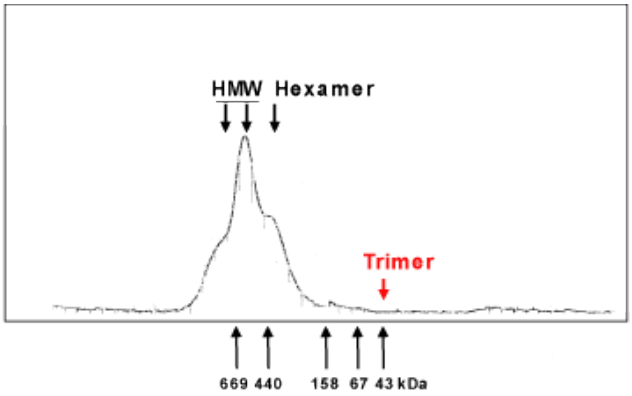


Figure: Superdex 200 analysis of Adiponectin (human) (recombinant) (Prod. No. ALX-522-063) produced in mammalian cells (HEK 293). The different forms of adiponectin are indicated by arrows: High molecular weight (HMW; representing 12-18-mer species) and hexamer. The red arrow indicates where should elute the trimeric state of adiponectin. *For further information on adiponectin forms, see Tsao et al., 2002 and Pajvani et al., 2003, in General Literature References.*
“”,Adiponectin (human)

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Adipocyte complement related protein of 30kDa, ACRP30, AdipoQ, apM1, GBP28
Concentration	1mg/ml after reconstitution.
Formulation	Lyophilized. Contains PBS.
MW	~33kDa (SDS-PAGE).
Purity	≥90% (SDS-PAGE)
Reconstitution	Reconstitute with 50µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum or other carrier protein.
Source	Produced in HEK 293 cells. Human adiponectin (aa 16-244) is fused at the N-terminus to a linker peptide (14 aa) and a FLAG®-tag.
Technical Info / Product Notes	Historical results have shown that adiponectin activates AMPK. FLAG is a registered trademark of Sigma-Aldrich Co.
UniProt ID	Q15848

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