

Recombinant Human gAcrp30

CATALOG #: 4591-25 25 µg
4591-100 100 µg
4591-1mg 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE
Endotoxin level is <0.1 ng per µg

FORM: Lyophilized from 10 mM Tris, pH 9.2 + 0.05% Sarcosyl +
0.75 mM DTT

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water containing 50 mg/ml BSA to a concentration of 1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted gAcrp30 should be stored in working aliquots at -20°C.

DESCRIPTION:

Human gAcrp30 (amp-1) also known as Adipolean is a 16.6 kDa protein that corresponds to the C-terminal globular domain of adiponectin (amp-1). gAcrp30/Adipolean is expressed and secreted exclusively by adipose tissue. This protein possesses unique pharmacological properties for regulation of body weight and lipid metabolism. It is a key component in controlling energy homeostasis. Recently, gAcrp30/Adipolean has been shown to inhibit the proliferation of myelomonocytic progenitors. The Recombinant Human gAcrp30/Adipolean is a 16.6 kDa protein consisting of 145 amino acid residues.

BIOLOGICAL ACTIVITY:

Determined by its ability to inhibit the proliferation of murine myeloid cell lines M1. The ED₅₀ for this effect is < 1-3 µg/ml.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Bioluminescence Cytotoxicity Assay Kit
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