

Recombinant Rat gAcrp30

CATALOG #:	4593-25	25 µg
	4593-100	100 µg
	4593-1mg	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE Endotoxin level is <0.1 ng per µg	
FORM:	Lyophilized with no additives	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of ≤ 0.3 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:

Murine gAcrp30 (amp-1) 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 rat 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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- Membrane Protein Extraction Kit
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