

## Globular Adiponectin Human Recombinant

<b>Item Number</b>	rAP-0293
<b>Synonyms</b>	Acrp30, AdipoQ, GBP-28, APM-1, ACDC.
<b>Description</b>	gAcrp30 Human Recombinant produced in E.Coli is a homodimeric, non-glycosylated, Polypeptide chain containing 145 amino acids and having a molecular mass of 16.7kDa. The gAcrp30 is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q15848
<b>Amino Acid Sequence</b>	MKGEPGEGAY VYRSAFSVGL ETYVTIPNMP IRFTKIFYNQ QNHYDGSTGK FHCNIPGLYY FAYHITVYMK DVKVSFLFKD KAMLFITYDQY QENNVDQASG SVLLHLEVGD QVWLQVYGE ERN- GLYADND NDSTFTGFL YHDTN.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	For long term, store lyophilized protein 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 two weeks.
<b>Formulation and Purity</b>	Sterile filtered and lyophilized from 1mg/ml in 10mM Tris pH-8 & 0.75mM DTT. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	We recommended reconstituting gAcrp30 at a concentration of 0.1-1mg per ml with 5mM Tris pH-8 and 0.75mM DTT which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	gAcrp30 activity is determined by its ability to inhibit the proliferation of mouse M1 cells. The expected ED50 for this effect is 0.36-0.54 µg/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**