

## ADIPOQ

### Recombinant Human Adiponectin/Acrp30

<b>Catalog No.</b>	CRA025A CRA025B CRA025C CRA025D	<b>Quantity:</b>	5 µg 25 µg 1.0 mg 100 µg
<b>Alternate Names:</b>	ACDC, ACRP30, adiponectin, apM1, gAcrp30, GBP28		
<b>Description:</b>	Globular ACRP-30, gACRP-30, is a naturally occurring cleavage product of adiponectin, a molecule made exclusively by adipocytes. gACRP-30 is detected a relatively high concentrations in the serum and is thought to play an important role in hyperglycemia and insulin resistance. gACRP-30 signals through receptors, AdipoR1 and AdipoR2. Recombinant human gACRP-30 is a non-glycosylated protein, containing 145 amino acids, with a molecular weight of 16.7 kDa.		
<b>Gene ID:</b>	9370		
<b>UniProtKB:</b>	Q15848		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 16.7 kDa (145 aa)		
<b>Formulation:</b>	Lyophilized from a sterile solution containing 10 mM Tris, pH 8.0 and 0.75 mM DTT at a concentration of 100 µg/mL.		
<b>Purity:</b>	> 95% as determined by reducing and non-reducing SDS-PAGE,		
<b>Endotoxin Level:</b>	1.43 EU/µg		
<b>Physical Appearance:</b>	Sterile filtered white lyophilized (freeze-dried) powder.		
<b>Amino Acid Sequence:</b>	MKGEPGEGAY VYRSAFSVGL ETYVTIPNMP IRFTKIFYNQ QNHYDGSTGK FHCNIPGLYY FAYHITVYMK DVKVSFLFKD KAMLFTYDQY QENNVDQASG SVLLHLEVGD QVWLQVYGEGERNGLYADND NDSTFTGFLL YHDTN		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile 5 mM Tris, 0.75 mM DTT, pH 8 to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for reconstitution.		
<b>Storage &amp; Stability:</b>	<b>Upon receipt,</b> store desiccated at -20 °C for up to one year. <b>Upon reconstitution,</b> the preparation is stable for one month at 2-8 °C. <b>For long term storage</b> reconstitute in working aliquots containing 0.1% BSA and store at -80 °C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.