

Adiponectin Rat Recombinant

Item Number	rAP-0296
Synonyms	Adipocyte C1q and collagen domain-containing protein, Adipocyte complement-related 30kDa protein, Adipose most abundant gene transcript 1 protein, gelatin-binding protein, Acrp30, AdipoQ, GBP-28, APM-1, ACDC.
Description	ACRP30 Rat Recombinant produced in 293 cell line is a polypeptide chain containing 238 amino acids and having a total molecular mass of 25.7 kDa. ACRP30 contains a C-Terminal linker (3 AA residue) and a C-Terminal Flag- tag (8 AA residue).
Uniprot Accesion Number	Q8K3R4
Amino Acid Sequence	GITATEGPGA LVPPPKETCA GWMAGIPGYP GHNGIPGRDG RDGTPGEKGE KGDAGVLGPK GDPG-DAGMTG AEGPRGFPGT PGRKGEPGEA AYMYSASFV GLETRVTPN VPIRFTKIFY NQQNHYDGST GKFGCNIPGL YYFSYHITVY MKDVKVSLFK KDKAVLFTYD QYQEKNDQA SGSMMLHLEV GDQVWLQVYG EGDNNGLYAD NVNDSTFTGF LLYHDTNAAA DYKDDDDK
Source	HEK293 cell line.
Physical Appearance and Stability	White lyophilized (freeze-dried) powder. Lyophilized ACRP30 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ACRP30 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Filtered (0.4 µm) and lyophilized in 20 mM Tris buffer, 50 mM NaCl, pH 7.5. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	Add deionized water to a working concentration approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by appropriate sterile filter before using it in the cell culture.
Biological Activity	
Shipping Format and Condition	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**