

Globular Adiponectin Human Recombinant, His Tag

Item Number	rAP-0286
Synonyms	Acrp30, AdipoQ, GBP-28, APM-1, ACDC.
Description	Acrp30 Human has a total of 171 amino acids. N-terminal underlined amino acids are His-tag and the pro- tease cleavage site (31AA-Underlined). The AA sequence of Acrp30 Human is homologous to the 105-244 amino acid sequence of the Human full-length Adiponectin (Swiss-prot entry Q15848).
Uniprot Accession Number	Q15848
Amino Acid Sequence	MSWWHHHHHH NWNIPTTQDT TQDLWFEGAM GGEGAYVYRS FSVGLEITYV TIPNMPIRFT KI- FYNQQNHVDGSGTGKFCN IPGLYYFAYH ITVYMKDVKV SLFKKDKAML FTYDQYQENN VDAQSGSVLL HEVGDQVWLQVYGEGERNGL YADNDNDSTF TGFLLYHDTN.
Source	Escherichia Coli.
Physical Appearance and Stability	For long term, store lyophilized Acrp30 Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Acrp30 Human can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. The lyophilized Acrp30 Human remains stable for 24 months when stored at -20°C.
Formulation and Purity	Acrp30 Human is a filtered powder, lyophilized from 0.6mg/ml in PBS buffer. Purity of Acrp30 Human is greater than 95% as determined by SDS PAGE.
Application	
Solubility	Add 0.2 ml of deionized water and let the lyophilized pellet of Acrp30 Human dissolve completely.
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**