

Adiponectin Porcine Recombinant, HEK derived

Item Number	rAP-0294
Synonyms	Acrp30, AdipoQ, GBP-28, APM-1, ACDC.
Description	The Acrp30 Porcine Recombinant contains a total of 238 amino acids having a molecular Mass of 26kDa. The Porcine Adiponectin is fused to a 13 amino acid long N-terminal FLAG tag.
Uniprot Accesion Number	
Amino Acid Sequence	HVDYKDDDDK PAGETTEKPG ALLPMPKGAC AGWMAGIPGH PGHNGTPGRD GRDGVPGKEG EKGDTGLTGP KGDGTGESGVT GVEGPRGFPG IPGRKGEPGE SAYVYRSAFS VGLETRVTVP NMPIRFTKIF YNQQNHVDVT TGKFHCNIPG LYYFSFHITV LKDVKVS LYK DKAVLFTYDQ QDKNVDQASG VLLYLEKGDQ WLQAYGDEEN GVVADNVNDS FTGFLLYHNIE.
Source	HEK293 (Human Embryonic Kidney cell line).
Physical Appearance and Stability	For long term, store lyophilized AdipoQ 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; it does not show any change after two weeks at 4°C. The lyophilized protein remains stable for 24 months when stored at -20°C.
Formulation and Purity	Sterile filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5. Greater than 90% as determined by SDS PAGE.
Application	
Solubility	Add 0.2 ml of deionized water and let the lyophilized pellet 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**