

32-1016: Acrp30 HMW Recombinant Protein

Alternative Name : Acrp30, AdipoQ, GBP-28, APM-1, ACDC.

Description

Source : HEK293. Adiponectin Human Recombinant HMW Rich produced in HEK cells is a single, glycosylated, polypeptide chain (19-244) containing a total of 226 amino acids, having a molecular mass of 24.6kDa (calculated). The Human Acrp30 is purified by proprietary chromatographic techniques. Adiponectin is a recently discovered 244 amino acid protein, the product of the apM1 gene, which is physiologically active and specifically and highly expressed in adipose cells (Adipokine). The protein belongs to the soluble defense collagen super family; it has a collagen-like domain structurally homologous with collagen VIII and X and complement factor C1q-like globular domain. APM-1 forms homotrimers, which are the building blocks for higher order complexes found circulating in serum.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	Acrp30 was filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM Tris, 50mM NaCl, pH 7.5 and 1mM CaCl ₂ .
Storage condition :	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.
Amino Acid :	ETTTQGPGVL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK GDPGLIGPKG DIGETGVPGA EGPRGFPGIQ GRKGEPGEA YVYRSAFSVG LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY YFAYHITVYM KDVKVSFLFKK DKAMLFTYDQ YQENNVDQAS GSVLLHLEVG DQVWLQVYGE GERNGLYADN DNDSTFTGFL LYHDTN.

Application Note

It is recommended to add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Acrp30 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

