

Adiponectin (Acrp30) Active Protein | Acrp30 active protein

Recombinant Human Adiponectin (Acrp30)

CATALOG #
AAA214306

HOST
E Coli

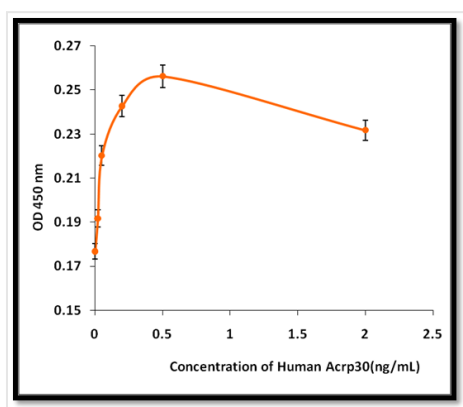
PRODUCT SYNONYMS

Adiponectin (Acrp30); Recombinant Human Adiponectin (Acrp30); 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1 protein; Gelatin-binding protein; Acrp30 active protein

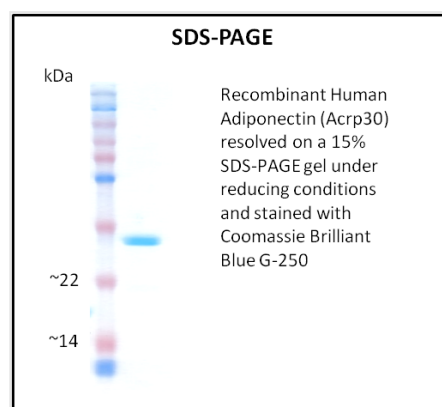
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in tris buffer with NaCl (pH 8)
Sequence Length	244
Bioactivity	The ED50, as determined by a cytotoxic assay (using M1 cells) was found to be 3.0-6.0 ug/ml
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	Reconstitute in sterile deionized water to 0.1 mg/ml
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for Acrp30 active protein

Adiponectin is an adipose-derived secreted protein that influences the body's response to insulin. Adiponectin belongs to the soluble defence collagen super family and is involved with the promotion of adipocyte differentiation, fatty acid catabolism, and insulin resistance. Recombinant adiponectin is a multimeric glycoprotein that also has anti-inflammatory effects on the cell lining of blood vessel walls. High blood levels of adiponectin are associated with reduced risks of heart attacks while low levels are associated with obesity and an increased risk of heart attacks.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295317372
NCBI GeneID	9370
NCBI Accession #	NP_001171271.1
NCBI GenBank Nucleotide #	NP_001171271.1
UniProt Accession #	Q15848
Molecular Weight	24.8 kDa
NCBI Official Full Name	adiponectin
NCBI Official Synonym Full Names	adiponectin, C1Q and collagen domain containing
NCBI Official Symbol	ADIPOQ
NCBI Official Synonym Symbols	ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1
NCBI Protein Information	adiponectin
UniProt Protein Name	Adiponectin
UniProt Gene Name	ADIPOQ
UniProt Synonym Gene Names	ACDC; ACRP30; APM1; GBP28; ACRP30; apM-1
UniProt Entry Name	ADIPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/adiponectin-acrp30/214306>