

Adiponectin Recombinant Protein | ADIPOQ recombinant protein

Adiponectin protein

CATALOG # AAA107759	HOST Human	APPLICATIONS SDS-Page
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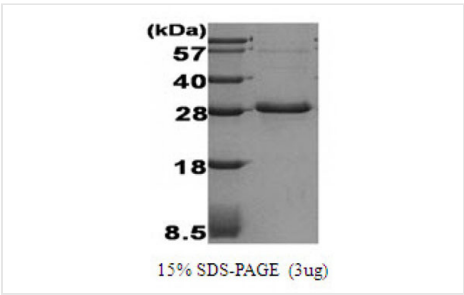
PRODUCT SYNONYMS

Adiponectin; Adiponectin protein; Adipocyte protein; Adipocyte complement-related 30 kDa protein protein; AdipoQ protein; 30 kDa adipocyte complement-related protein protein; apM-1 protein; 30 kDa adipocyte complement related protein protein; ACRP30 protein; ACDC protein; ACRP 30 protein; APM1 protein; Adipose most abundant gene transcript 1 protein protein; Adipose most abundant gene transcript 1 protein; Adipocyte C1q and collagen domain containing protein protein; Gelatin protein; APM 1 protein; Adipocyte complement related protein of 30 kDa protein; C1q and collagen domain-containing protein protein; GBP28 protein; Gelatin binding protein protein; Adipocyte complement related 30 kDa protein protein; GBP 28 protein; ADIPOQ recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 90% pure
Form/Format	Supplied as a liquid in PBS, pH 7.4, containing 1mM DTT.
Concentration	1 mg/ml (varies by lot)
Sequence	MGHDQETTTQ GPGVLLPLPK GACTGWMAGI PGHPGHNGAP GRDGRDGTPG EKGEKGDPLG IGPKGDIGET GVPGAEGPRG FPGIQGRKGE PGEGAYVYRS AFSVGLETYV TIPNMPIRFT KIFYNQNH Y DGSTGKFHCN IPGLYYFAYH ITVYMKDVKV SLFKKDKAML FTYDQYQENN VDQASGSVLL HLEVGDQVWL QVYGEGERNG LYADNDNDST FTGFLLYHDT N
Sequence Length	244
Applicable Applications for ADIPOQ recombinant protein	SDS-PAGE
Protein Type	Recombinant
Biological Significance	Human Adiponectin, also referred to as AdipoQ, Acrp30, apm-1 or GBP28, is a secreted protein expressed exclusively in differentiated adipocyte (adipokine). Adiponectin contains a modular structure comprising an N-terminal collagenous domain followed by a C-terminal globular domain. Adiponectin plays a role in various physiological processes such as energy homeostasis and obesity. Plasma levels of adiponectin are reduced in obese humans, and decreased levels are associated with insulin resistance and hyperinsulinemia.
Expression System	E Coli
Preparation and Storage	Store at 4 degree C for short term storage (1/2 weeks). Aliquot and store at -20 degree C or - 70 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE
Figure annotation denotes ug of protein loaded and % gel used.

ADDITIONAL INFORMATION

Related Product Information for ADIPOQ recombinant protein	Purified recombinant Human Adiponectin protein
Product Categories/Family for ADIPOQ recombinant protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	2493789
NCBI GeneID	9370
UniProt Accession #	Q15848; Q58EX9
Molecular Weight	25.1 kDa (231 aa)
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://stage.aaabiotech.com/adipoq-recombinant-protein-human-sds-page/107759>