

Adiponectin Recombinant Protein | Acrp30 recombinant protein

Recombinant Human Adiponectin, His tag

CATALOG # AAA38202	HOST E Coli
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PRODUCT SYNONYMS

Adiponectin; Recombinant Human Adiponectin; His tag; Acrp30 Human; His; Adiponectin Human Recombinant; Acrp30; AdipoQ; GBP-28; APM-1; ACDC; Acrp30 His; Acrp30 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Acrp30 Human purity is greater than 95% as determined by SDS-PAGE.
Form/Format	Acrp30 Human was filtered (0.4 um) and lyophilized from 0.5 mg/ml in 0.02M Tris buffer pH7.5, 0.15M NaCl. Filtered White lyophilized (freeze-dried) powder.
Sequence	MRGSHHH HHHGSG HDQETTTQGP GVLLPLPKGA CTGWMAGIPG HPGHNGAPGR DGRDGTGPEK GEKGDPLIG PKGDIGETGV PGAEGPRGFP GIQGRKGEPG EGAYVYRSAF SVGLETYVTI PNMPIRFTKI FYNQQNHYDG STGKFHCNIP GLYYFAYHIT VYMKDVKVSL FKKDKAMLFT YDQYQENNVD QASGSVLLHL EVGDQVWLQV YGEGERNGLY ADNDNDSTFT GFLLYHDTN
Sequence Length	244
Patent Rights	The sale and/or commercial use of Recombinant Adiponectin is prohibited in the United States of America (U.S.A).
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.
Preparation and Storage	Store lyophilized Acrp30 Human at -20 degree C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Acrp30 Human can be stored at 4 degree C for a limited period of time; it does not show any change after two weeks at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for Acrp30 recombinant protein	Description: The Acrp30 Human is created as a recombinant protein with N-terminal fusion of His Tag. The Adiponectin His-Tagged Fusion Protein, produced in E Coli, is 26.4 kDa protein containing 230 amino acid residues of the Acrp30 Human and 12 additional amino acid residues - HisTag (underlined). Introduction: Adiponectin, also referred to as Acrp30, AdipoQ and GBP-28, 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 Categories/Family for Acrp30 recombinant protein	Cytokines and Growth Factors; Cytokines; Adiponectin

NCBI AND UNIPROT INFORMATION

NCBI GI #	295317372
NCBI GeneID	9370

NCBI Accession #	NP_001171271.1
NCBI GenBank Nucleotide #	NM_001177800.1
UniProt Accession #	Q15848 ; Q58EX9
Molecular Weight	26,414 Da
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; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein; adipose specific collagen-like factor; gelatin-binding protein 28
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-e-coli/38202>