

Adiponectin Recombinant Protein | mAcrp30 recombinant protein

Recombinant Mouse Adiponectin, His tag

CATALOG # AAA38555	HOST E Coli
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PRODUCT SYNONYMS

Adiponectin; Recombinant Mouse Adiponectin; His tag; Acrp30 Mouse; His; Adiponectin Mouse Recombinant; His Tag; Acrp30; AdipoQ; GBP-28; APM-1; ACDC; mAcrp30 His; mAcrp30 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Acrp30 Mouse purity is greater than 90% as determined by SDS-PAGE.
Form/Format	Acrp30 Mouse is a sterile filtered liquid formulation containing (1mg/ml) 20mM Tris-HCl pH-8, 1mM DTT and 10% Glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMED DVTTEELAP ALVPPPKGTC AGWMAGIPGH PGHNGTPGRD GRDGTPEKG EKG DAGLLGP KGETGDVGMT GAEGPRGFPG TPGRKGEPGE AAYVYRSAFS VGLETRVTVP NVPIRFTKIF YNQNH YDGS TGKFYCNI PG LYYFSYHITV YMKDVKVSLF KKDKAVLFY DQYQEKNDQ ASGSVLLHLE VGDQVWLQVY GDGDHNGLYA DNVNDSTFTG FLLYHDTN
Sequence Length	247
Patent Rights	The sale and/or commercial use of Recombinant Adiponectin is prohibited in the United States of America (U.S.A).

ADDITIONAL INFORMATION

Related Product Information for mAcrp30 recombinant protein	Description: The Adiponectin Mouse is created as a recombinant protein with a 21 a.a N-terminal fusion of His Tag. The Adiponectin His-Tagged Fusion Protein, produced in E Coli, is a 27.2kDa protein containing 251 amino acid residues of the Acrp30 Mouse, 18-247 amino acids. Introduction: Adiponectin is an adipocyte specific secreted protein that circulates in the plasma. It is induced during adipocyte differentiation and its secretion is stimulated by insulin. Mouse adiponectin shares about 83% amino acid identity with that human. Adiponectin plays a role in various physiological processes such as energy homeostasis and obesity. Adiponectin is reduced in obese humans, and decreased level is associated with insulin resistance and hyperinsulinemia.
Product Categories/Family for mAcrp30 recombinant protein	Cytokines and Growth Factors; Cytokines; Adiponectin

NCBI AND UNIPROT INFORMATION

NCBI GI #	87252711
NCBI GeneID	11450
NCBI Accession #	NP_033735.3
NCBI GenBank Nucleotide #	NM_009605.4
UniProt Accession #	Q60994; Q62400; Q6GTX4; Q9DC68
Molecular Weight	26,809 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	Ad; APN; Acdc; apM1; 30kDa; GBP28; adipo; Acrp30
NCBI Protein Information	adiponectin; 30 kDa adipocyte complement-related protein; adipocyte complement related protein; adipocyte complement-related 30 kDa protein; adipocyte, C1Q and collagen domain containing; adipocyte, C1q and collagen domain-containing protein; adipocyte-specific protein AdipoQ
UniProt Protein Name	Adiponectin
UniProt Gene Name	Adipoq
UniProt Synonym Gene Names	Acdc; Acrp30; Apm1; ACRP30
UniProt Entry Name	ADIPO_MOUSE

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/38555>