

Recombinant Human ACRP30 headless, FLAG-tagged

Cat. No. ADIPOQ-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant protein is produced in HEK 293 cells. The non-homologous (aa16-45) and collagen domain of human ACRP30 [Adipocyte Complement Related Protein of 30 kDa] (aa45-108) are fused at the N-terminus to a FLAG-epitope tag.
Species	Human
Source	HEK293
ProteinLength	16-45 a.a.
Form	Lyophilized powder. Contains PBS.
Molecular Mass	~27 kDa (SDS-PAGE under reducing conditions)
Endotoxin	The endotoxin content is <0.1 ng="" endotoxin="" μg="" purified="" protein="" as="" determined="" by="" the="" limulus="" amebocyte="" lysate="">
Purity	≥95% (Coomassie blue stained SDS-PAGE).
Applications	Negative control. When used at 1 μg/g body weight in mouse demonstrated no significant bioactivity in terms of reduction of serum glucose compared to wildtype in an in vivo assay.
Usage	For research use only. Not for use in diagnostics or in humans.

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Storage	Store at –20°C. Avoid freeze / thaw cycles. After reconstitution, prepared aliquots and store at –20°C.
Concentration	0.1 mg/ml after reconstitution.
Reconstitution	Reconstitute with 100 µl sterile water.
Warning	No warranties, expressed or implied, are made regarding the use of this product. Creative Biomart is not liable for any damage, personal injury, or economic loss caused by this product.

GENE INFORMATION

Gene Name	ADIPOQ adiponectin, C1Q and collagen domain containing [Homo sapiens]
Official Symbol	ADIPOQ
Synonyms	ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC, adipocyte, C1Q and collagen domain containing; adiponectin; ACRP30; AdipoQ; adipose most abundant gene transcript 1; apM1; GBP28; gelatin-binding protein 28; adipose specific collagen-like factor; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein; ACDC; ADPN; APM1; APM-1; ADIPQTL1;
Gene ID	9370
mRNA Refseq	NM_001177800
Protein Refseq	NP_001171271
MIM	605441

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UniProt ID	Q15848
Chromosome Location	3q27
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	cytokine activity; eukaryotic cell surface binding; hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding; sialic acid binding;

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