

Recombinant Rat Adipoq protein, His-tagged

Cat. No. Adipoq-194R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Adipoq(aa 104-244) fused with His tag at C-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	104-244 a.a.
Description	adiponectin, C1Q and collagen domain containing played an important role in many functions.
Form	Liquid. 0.2µm filtered solution in 30mM TRIS-Cl, pH 8.5.
Molecular Mass	~17kDa (SDS-PAGE)
Endotoxin	<1EU/µg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)
Stability	After opening, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles.Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Storage	Short Term Storage: +4 centigrade;Long Term Storage: -20 centigrade.

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Concentration 1mg/ml

GENE INFORMATION

Gene Name [Adipoq adiponectin, C1Q and collagen domain containing \[Rattus norvegicus \]](#)

Official Symbol [Adipoq](#)

Synonyms ADIPOQ; adiponectin, C1Q and collagen domain containing; adiponectin; adipocyte complement related protein of 30 kDa; Acdc; Acrp30;

Gene ID [246253](#)

mRNA Refseq [NM_144744](#)

Protein Refseq [NP_653345](#)

MIM

UniProt ID

Chromosome Location 11q23

Pathway Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Type II diabetes mellitus, organism-specific biosystem; Type II diabetes mellitus, conserved biosystem;

Function eukaryotic cell surface binding; eukaryotic cell surface binding; hormone activity; hormone activity; protein homodimerization activity; protein homodimerization activity;

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receptor binding; receptor binding; sialic acid binding; sialic acid binding;

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