

# Recombinant Mouse Adiponectin Protein(Trx Tag)

RPES9375

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES9375

**Purity:** > 95% as determined by reducing SDS-PAGE.

**Contents:** 100µg, 20µg, 500µg, 1mg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Synonyms:** Apm, GBP, Acrp, ADIPQTL, ADIPQTL1, ADPN, GBP28, Acdc, Acrp30, Apm1, Adipoq, ACDC, AdipoQ, ADIPQTL1, ADPN, APM1, GBP28, 30 kDa adipocyte complement related protein, 30 kDa adipocyte complement-related protein, ADIPO, Adipocyte, Adipocyte C1q and collagen domain containing protein, Adipocyte complement related 30 kDa protein, Adipocyte complement related protein of 30 kDa, Adipocyte complement-related 30 kDa protein, adipocyte-specific secretory protein, Adiponectin, Adiponectin precursor, Adipose most abundant gene transcript 1, Adipose most abundant gene transcript 1 protein, Adipose specific collagen like factor, APM 1, apM-1, C1Q and collagen domain containing, C1q and collagen domain-containing protein, Gelatin binding protein, Gelatin binding protein 28, Gelatin-binding protein

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-Trx

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Calculated MW:** 45.3 kDa

**Formulation:** Lyophilized from a 0.2  $\mu$ m filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Observed MW:** 42 kDa

**Reconstitution:** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

**Accession:** Q60994

**Source:** E.coli-derived Mouse Adiponectin protein Glu18-Asn247, with an N-terminal Trx

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Sequence:** Glu18-Asn247

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Lyophilized powder

