

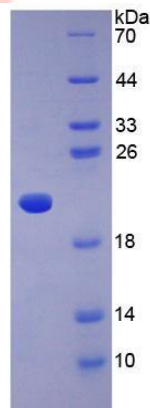
Human Recombinant Adiponectin (ADP)**Catalog # IC8605**

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]**Source:** Prokaryotic expression.**Host:** *E. coli***Residues:** Ala108~Asn244**Tags:** N-terminal His-Tag**Tissue Specificity:** Plasma.**Subcellular Location:** Secreted.**Purity:** >98%**Traits:** Freeze-dried powder**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.**Original Concentration:** 200ug/mL**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.7**Predicted Molecular Mass:** 22.5kDa**Accurate Molecular Mass:** 21kDa as determined by SDS-PAGE reducing conditions.**Figure 2. SDS-PAGE****[USAGE]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.



[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

AYV YRSAFSVGL E TYVTIPNMPI RFTKIFYNQ Q NHYDGSTGKF
HCNIPGLYYF AYHITVYMKD VKVSLFKKDK AMLFTYDQYQ ENNVDAQSGS
VLLHLEVGDQ VWLOVYGEGE RNLGYADNDN DSTFTGFLLY HDTN

[IDENTIFICATION]

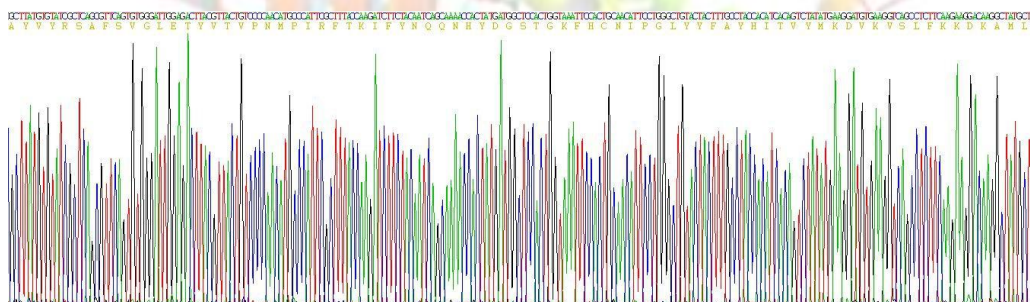


Figure 1. Gene Sequencing (Extract)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.