

Product datasheet for TP710246

OriGene Technologies, Inc.

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Adiponectin (ADIPOQ) (NM_004797) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human adiponectin, C1Q and collagen domain containing

(ADIPOQ), transcript variant 2, residues 18-244aa, with C-terminal DDK tag, expressed in sf9,

20ug

Species: Human

Expression Host: Sf9

Expression cDNA Clone

or AA Sequence:

A DNA sequence from TrueORF clone, RC215161, the region(Met-Gln18-Asn244) of Homo

sapiens ADIPOQ

Tag: C-DDK

Predicted MW: 24.7 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 004788

 Locus ID:
 9370

 UniProt ID:
 Q15848

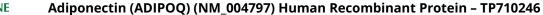
 RefSeq Size:
 4592

 Cytogenetics:
 3q27.3

RefSeq ORF: 732

Synonyms: ACDC; ACRP30; ADIPQTL1; ADPN; APM-1; APM1; GBP28





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Summary: This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to

collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the

same protein, have been identified. [provided by RefSeq, Apr 2010]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Adipocytokine signaling pathway, PPAR signaling pathway, Type II diabetes mellitus

Product images:

