

## Product datasheet for **TP790074**

### 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, esidues 19-244aa, with C-terminal DDK tag, secretory expressed in CHO cells, 50ug
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC215161, encoding the region (Gln18-Asn244) of ADIPOQ
Tag:	C-DDK
Predicted MW:	25.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 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:	<a href="#">NP_004788</a>
Locus ID:	9370
UniProt ID:	<a href="#">Q15848</a>
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:**