

Product datasheet for **TP720685L**

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
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Glu19-Asn244
Tag:	C-His
Predicted MW:	25.58 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_004788
Locus ID:	9370
UniProt ID:	Q15848 , A8K660
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