

# Product datasheet for AR51461PU-N

### Adiponectin (108-244, His-tag) Human Protein

#### **Product data:**

#### OriGene Technologies, Inc.

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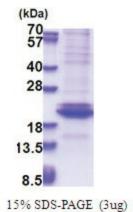
Product Type:	Recombinant Proteins
Description:	Adiponectin (108-244, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MAYVYRSAFS VGLETYVTIP NMPIRFTKIF YNQQNHYDGS TGKFHCNIPG LYYFAYHITV YMKDVKVSLF KKDKAMLFTY DQYQENNVDQ ASGSVLLHLE VGDQVWLQVY GEGERNGLYA DNDNDSTFTG FLLYHDTN
Tag:	His-tag
Predicted MW:	18.1 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ADIPOQ protein, fused to His-tag at N-terminus, was expressed in E.coli
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001171271</u>
Locus ID:	9370
UniProt ID:	<u>Q15848</u>
Cytogenetics:	3q27.3
Synonyms:	ADIPOQ, ACDC, ACRP30, APM1, GBP28



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	Adiponectin (108-244, His-tag) Human Protein – AR51461PU-N
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 Familie	: Druggable Genome, Secreted Protein
Protein Pathwa	<b>ys:</b> Adipocytokine signaling pathway, PPAR signaling pathway, Type II diabetes mellitus

## Product images:



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