

Product datasheet for SA6050X

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Adiponectin (15-244) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Adiponectin (15-244) human recombinant protein, 0.5 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

or AA Sequence:

MGHDQETTTQ GPGVLLPLPK GACTGWMAGI PGHPGHNGAP GRDGRDGTPG EKGEKGDPGL

IGPKGDIGET GVPGAEGPRG FPGIQGRKGE PGEGAYVYRS AFSVGLETYV TIPNMPIRFT KIFYNQQNHY DGSTGKFHCN IPGLYYFAYH ITVYMKDVKV SLFKKDKAML FTYDQYQENN

VDQASGSVLL HLEVGDQVWL QVYGEGERNG LYADNDNDST FTGFLLYHDT N

Predicted MW: 25 kDa

Concentration: lot specific

>90% by SDS-PAGE **Purity:**

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: PBS, pH 7.4 containing 1 mM DTT

Endotoxin: < 1.0 EU per 1 µg of protein (determined by LAL method)

Preparation: Liquid purified protein

Protein Description: Recombinant human Adiponectin protein was expressed in E.coli and purified by

conventional chromatography, after refolding of the isolated inclusion bodies in a

renaturation buffer.

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001171271

Locus ID: 9370

UniProt ID: Q15848 Cytogenetics: 3q27.3

Synonyms: ADIPOQ, ACDC, ACRP30, APM1, GBP28





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

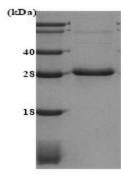
collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the

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:



15% SDS-PAGE