

Product datasheet for PA501X

Adiponectin (His-tagged Fusion Protein) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Adiponectin (His-tagged Fusion Protein) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GSGHDQETTT QGPGVLLPLP KGA CTGWMAG IPGHPGHNGA PGRDGRDGTP GEKGEKGD PG LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEGAYVYR SAFSVGLETY VTIPNMPIRF TKIFYNQNH YDGSTGKFHC NIPGLYFAY HITVYMKDVK VSLFKKDKAM LFTYDQYQEN NVDQASGSVL LHLEVG DQVW LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN
Tag:	His-tag
Concentration:	N/A
Purity:	>95%
Buffer:	Presentation State: Purified State: Lyophilized purified protein from 20 mM Tris buffer pH 7.5, 50 mM NaCl
Reconstitution Method:	Add 200µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.
Preparation:	Lyophilized purified protein (freeze-dried powder)
Applications:	ELISA. Western Blot.
Protein Description:	Total 242 AA. MW: 26.4 kDa (calculated). N-Terminal His-tag, 12 extra AA (highlighted).
Note:	Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and in aliquots at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after two weeks at 4°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001171271
Locus ID:	9370



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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: ELISA.
Western Blot.

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

Product images:

