

Datasheet for ABIN7320468
ADIPOQ Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	ADIPOQ
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADIPOQ protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Adiponectin/AdipoQ Protein (E.coli, His Tag)
Sequence:	Glu18-Asn247
Characteristics:	Recombinant Mouse Adipocyte complement-related 30 kDa protein is produced by our E.coli expression system and the target gene encoding Glu18-Asn247 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ADIPOQ
Alternative Name:	Adiponectin/AdipoQ (ADIPOQ Products)
Background:	Background: Adiponectin is a secreted protein. It is synthesized exclusively by adipocytes and secreted into plasma. Adiponectin is an important adipokine that is involved in the control of fat

Target Details

metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Adiponectin Stimulates AMPK phosphorylation and activates in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Adiponectin also antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. It inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. Adiponectin may play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors with distinct binding affinities, depending on the type of complex: LMW, MMW or HMW.

Synonym: Adiponectin, 30 kDa Adipocyte Complement-Related Protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipocyte, C1q and Collagen Domain-Containing Protein, Adipose Most Abundant Gene Transcript 1 Protein, apM-1, Gelatin-Binding Protein, ADIPOQ

Molecular Weight:	27.2 kDa
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UniProt:	Q60994
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Application Details

Restrictions:	For Research Use only
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Handling

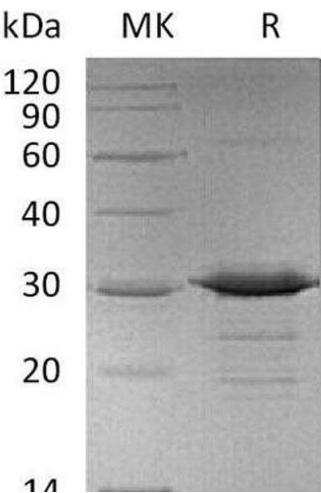
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.