



Recombinant Bovine Adiponectin (ADIPOQ)

Product Code	CSB-YP661101BO
Relevance	Important adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. Inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. 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 .
Abbreviation	Recombinant Bovine ADIPOQ protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q3Y5Z3
Alias	30 kDa adipocyte complement-related protein;Adipocyte complement-related 30 kDa protein ;ACRP30Adipocyte, C1q and collagen domain-containing protein;Adipose most abundant gene transcript 1 protein ;apM-1
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	EDNMEDPPLPKGACAGWMAGIPGHPGHNGTPGRDGRDGTGPGEKGEKGD LVGPKGDTGETGITGIEGPRGFPGTPGRKGEPGESAYVYRSAFSVGLERQVT VPNVPIRFTKIFYNQNHYDGTGKFLCNIPGLYYFSYHITVYLKDVKVS LYKND KALLFTHDQFQDKNVDQASGSVLLYLEKGDQVWLQVYEGENHNGVYADNVN DSTFTGFLLYHNIVE
Research Area	Others
Source	Yeast
Target Names	ADIPOQ
Protein Names	Recommended name: Adiponectin Alternative name(s): 30 kDa adipocyte complement-related protein Adipocyte complement-related 30 kDa protein Short name= ACRP30 Adipocyte, C1q and collagen domain-containing protein Adipose most abu
Expression Region	18-240aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

