



Recombinant Mouse Adiponectin (Adipoq)

Product Code	CSB-EP723362MO
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 Mouse 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.	Q60994
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	EDDVTTTEELAPALVPPPKGTCAGWMAGIPGHPGHNGTPGRDGRDGTGPGEK GEKGDAGLLGPKGETGDVGMTGAEGPRGFPPTGPRKGEPGEAAYVYRSAFS VGLETRVTPNPVPIRFTKIFYNQNHQYDYGSTGKFCNIPGLYYFSYHITVYMKD VKVSLFKKDKAVLFTYDQYQEKNVDDQASGSVLLHLEVGDQVWLQVYGDGDH NGLYADNVNDSTFTGFLLYHDTN
Research Area	Others
Source	E.coli
Target Names	Adipoq
Protein Names	30KDA adipocyte complement-related protein;Adipocyte complement-related 30KDA protein ;ACRP30Adipocyte, C1q and collagen domain-containing protein;Adipocyte-specific protein AdipoQ
Expression Region	18-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	28.9 kDa
Protein Length	Full Length of Mature Protein
Image	



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