

# Recombinant mouse Adiponectin protein

Catalog Number: CSB-RP079474m



<b>Product Name:</b>	Recombinant mouse Adiponectin protein
<b>Alternative names:</b>	30 kDa adipocyte complement-related protein
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<b>Relevance :</b>	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.
<b>Predicted Molecular weight :</b>	25kd
<b>Product Info :</b>	his-tagged
<b>Source:</b>	E.coli derived
<b>Image:</b>	
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	20mM Tris-HCl, 0.5M NaCl, pH 8.0,50% glycerol
<b>Storage :</b>	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
<b>AA sequence:</b>	EDDVTTEELAPALVPPPKGTCAGWMAGIPGHPGHNGTPGRDGRDGTGPGEKG EKGDAGLLGPKGETGDVGMTGAEGPRGFPGTPGRKGEPGEAAAYVYRSAFSV GLETRVTVPNVPIRFTKIFYNQNHYDGSTGKFYCNIPGLYYFSYHITVYMKDVK VSLFKKDKAVLFTYDQYQEKNVDAQSGSVLLHLEVGDQVWLQVYGDGDHNGL YADNVNDSTFTGFLYHDTN
<b>References:</b>	"A novel serum protein similar to C1q, produced exclusively in adipocytes." Scherer P.E., Williams S., Fogliano M., Baldini G., Lodish H.F. J. Biol. Chem. 270:26746-26749(1995)